

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073431.D
 Acq On : 12 Jul 2022 12:55
 Operator : JC\MD
 Sample : VN0712WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.010	168	201420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	344348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	314043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	147828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	157574	54.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.380%			
35) Dibromofluoromethane	7.951	113	122405	53.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.375	98	410522	50.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.669	95	163115	52.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	55283	18.773	ug/l	96
3) Chloromethane	2.269	50	51221	17.916	ug/l	98
4) Vinyl Chloride	2.404	62	44333	18.250	ug/l	99
5) Bromomethane	2.804	94	22884	19.945	ug/l	88
6) Chloroethane	2.969	64	29938	20.951	ug/l	99
7) Trichlorofluoromethane	3.322	101	82488	19.642	ug/l	92
8) Diethyl Ether	3.763	74	35181	20.579	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.134	101	49797	20.068	ug/l	97
10) Methyl Iodide	4.351	142	45997	16.577	ug/l	96
11) Tert butyl alcohol	5.275	59	77774	110.415	ug/l	99
12) 1,1-Dichloroethene	4.110	96	44861	18.920	ug/l	85
13) Acrolein	3.975	56	36140	81.174	ug/l	98
14) Allyl chloride	4.757	41	102746	20.569	ug/l #	91
15) Acrylonitrile	5.469	53	216458	119.375	ug/l	99
16) Acetone	4.222	43	198343	121.522	ug/l	99
17) Carbon Disulfide	4.451	76	102611	16.689	ug/l	98
18) Methyl Acetate	4.775	43	115390	25.228	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	189337	21.909	ug/l	94
20) Methylene Chloride	5.016	84	60754	21.181	ug/l	92
21) trans-1,2-Dichloroethene	5.522	96	49095	19.816	ug/l	93
22) Diisopropyl ether	6.410	45	217652	23.351	ug/l	95
23) Vinyl Acetate	6.351	43	912126	109.299	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	106382	22.055	ug/l	98
25) 2-Butanone	7.257	43	316127	121.655	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	79762	17.879	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	61732	20.575	ug/l	94
28) Bromochloromethane	7.586	49	48300	23.910	ug/l #	79
29) Tetrahydrofuran	7.604	42	213407	119.939	ug/l #	84
30) Chloroform	7.745	83	105010	21.615	ug/l	96
31) Cyclohexane	8.022	56	89328	18.758	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	88454	20.431	ug/l	99
36) 1,1-Dichloropropene	8.145	75	71366	20.245	ug/l	98
37) Ethyl Acetate	7.334	43	120876	22.694	ug/l	97
38) Carbon Tetrachloride	8.133	117	72979	20.019	ug/l	90
39) Methylcyclohexane	9.392	83	82808	18.868	ug/l	93
40) Benzene	8.386	78	229328	21.080	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073431.D
 Acq On : 12 Jul 2022 12:55
 Operator : JC\MD
 Sample : VN0712WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56636	21.925	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	88473	22.434	ug/l	98
43) Isopropyl Acetate	8.492	43	176332	23.035	ug/l #	92
44) Trichloroethene	9.151	130	53855	19.452	ug/l	94
45) 1,2-Dichloropropane	9.422	63	60910	21.966	ug/l	100
46) Dibromomethane	9.510	93	40676	21.604	ug/l	92
47) Bromodichloromethane	9.698	83	81406	22.324	ug/l	97
48) Methyl methacrylate	9.492	41	78063	22.025	ug/l	88
49) 1,4-Dioxane	9.504	88	33182	493.153	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	594926	122.553	ug/l	90
52) Toluene	10.439	92	136488	20.301	ug/l	96
53) t-1,3-Dichloropropene	10.657	75	82200	20.477	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	90680	20.924	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	59967	21.665	ug/l	98
56) Ethyl methacrylate	10.698	69	97451	21.783	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	105950	22.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	217838	109.180	ug/l	93
59) 2-Hexanone	11.022	43	451289	121.957	ug/l	88
60) Dibromochloromethane	11.174	129	59894	22.696	ug/l	100
61) 1,2-Dibromoethane	11.286	107	60598	21.919	ug/l	99
64) Tetrachloroethene	10.916	164	51735	20.174	ug/l	98
65) Chlorobenzene	11.710	112	145840	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	54209	20.750	ug/l	100
67) Ethyl Benzene	11.780	91	263018	20.398	ug/l	99
68) m/p-Xylenes	11.892	106	198224	40.734	ug/l	94
69) o-Xylene	12.221	106	100580	20.246	ug/l	98
70) Styrene	12.233	104	160280	20.897	ug/l	97
71) Bromoform	12.398	173	40096	20.975	ug/l #	99
73) Isopropylbenzene	12.516	105	257135	20.143	ug/l	100
74) N-amyl acetate	12.327	43	128055	20.034	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	93831	22.150	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	82181m	21.261	ug/l	
77) Bromobenzene	12.798	156	58736	19.790	ug/l	84
78) n-propylbenzene	12.857	91	292535	20.628	ug/l	97
79) 2-Chlorotoluene	12.945	91	185795	20.700	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	212262	20.400	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27495	19.507	ug/l	91
82) 4-Chlorotoluene	13.045	91	175041	20.144	ug/l	98
83) tert-Butylbenzene	13.263	119	187470	20.097	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	213399	20.542	ug/l	98
85) sec-Butylbenzene	13.439	105	262119	20.926	ug/l	96
86) p-Isopropyltoluene	13.551	119	207166	20.474	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	106787	20.056	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	106532	19.969	ug/l	97
89) n-Butylbenzene	13.880	91	166581	19.756	ug/l	98
90) Hexachloroethane	14.145	117	38242	20.280	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	109421	20.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21963	21.332	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	56161	19.886	ug/l	96
94) Hexachlorobutadiene	15.298	225	25525	20.331	ug/l	97
95) Naphthalene	15.433	128	208345	18.287	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	59681	20.486	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
Data File : VN073431.D
Acq On : 12 Jul 2022 12:55
Operator : JC\MD
Sample : VN0712WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:17:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
Data File : VN073431.D
Acq On : 12 Jul 2022 12:55
Operator : JC\MD
Sample : VN0712WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:17:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

