

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078435.D
 Acq On : 28 Jun 2023 12:38
 Operator : JC\MD
 Sample : VN0628WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 05:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	394844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	697632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	601912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276757	52.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.177	113	238858	54.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	10.571	98	845079	49.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.853	95	265842	50.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68168	15.273	ug/l	95
3) Chloromethane	2.371	50	84374	18.962	ug/l	99
4) Vinyl Chloride	2.524	62	113963	19.499	ug/l	98
5) Bromomethane	2.965	94	88653	20.071	ug/l	94
6) Chloroethane	3.124	64	77938	19.562	ug/l	89
7) Trichlorofluoromethane	3.500	101	149188	18.824	ug/l	98
8) Diethyl Ether	3.971	74	54685	19.637	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	87095	20.823	ug/l	96
10) Methyl Iodide	4.600	142	112930	19.091	ug/l	97
11) Tert butyl alcohol	5.536	59	76981	105.901	ug/l	96
12) 1,1-Dichloroethene	4.353	96	78350	18.171	ug/l	94
13) Acrolein	4.195	56	62597	78.133	ug/l	90
14) Allyl chloride	5.030	41	117639	22.351	ug/l	93
15) Acrylonitrile	5.730	53	212741	113.516	ug/l	99
16) Acetone	4.442	43	161449	106.545	ug/l	94
17) Carbon Disulfide	4.724	76	197239	17.772	ug/l	97
18) Methyl Acetate	5.036	43	146628	21.018	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	280138	20.364	ug/l	100
20) Methylene Chloride	5.283	84	103618	20.693	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	89706	19.290	ug/l	92
22) Diisopropyl ether	6.683	45	267257	21.587	ug/l #	93
23) Vinyl Acetate	6.618	43	906042m	123.112	ug/l	
24) 1,1-Dichloroethane	6.583	63	171194	20.961	ug/l	98
25) 2-Butanone	7.488	43	260573	111.823	ug/l #	84
26) 2,2-Dichloropropane	7.500	77	137905	22.868	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	109067	19.662	ug/l	95
28) Bromochloromethane	7.818	49	81672	21.780	ug/l	90
29) Tetrahydrofuran	7.847	42	172897	110.990	ug/l #	83
30) Chloroform	7.971	83	188413	21.424	ug/l	96
31) Cyclohexane	8.265	56	124201	18.392	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	160572	20.797	ug/l	94
36) 1,1-Dichloropropene	8.377	75	126464	19.988	ug/l	99
37) Ethyl Acetate	7.565	43	116060	23.481	ug/l #	93
38) Carbon Tetrachloride	8.371	117	136433	20.422	ug/l	93
39) Methylcyclohexane	9.606	83	111865	17.060	ug/l	87
40) Benzene	8.612	78	407342	21.565	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078435.D
 Acq On : 28 Jun 2023 12:38
 Operator : JC\MD
 Sample : VN0628WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 05:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	57688	21.532	ug/l	94
42) 1,2-Dichloroethane	8.677	62	140925	21.759	ug/l	100
43) Isopropyl Acetate	8.694	43	188358	19.926	ug/l	95
44) Trichloroethene	9.359	130	104248	20.898	ug/l	95
45) 1,2-Dichloropropane	9.629	63	101709	21.642	ug/l	94
46) Dibromomethane	9.712	93	75275	21.746	ug/l	97
47) Bromodichloromethane	9.894	83	146675	22.811	ug/l	93
48) Methyl methacrylate	9.688	41	87076	21.951	ug/l	87
49) 1,4-Dioxane	9.700	88	36266	434.971	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	564118	113.329	ug/l	91
52) Toluene	10.635	92	247002	20.711	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	149920	22.388	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	162454	21.946	ug/l	91
55) 1,1,2-Trichloroethane	11.024	97	103074	22.847	ug/l	92
56) Ethyl methacrylate	10.882	69	140958	21.458	ug/l	91
57) 1,3-Dichloropropane	11.171	76	172016	22.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	273907	103.216	ug/l	93
59) 2-Hexanone	11.200	43	388191	112.002	ug/l	90
60) Dibromochloromethane	11.365	129	111639	22.614	ug/l	99
61) 1,2-Dibromoethane	11.476	107	103092	21.775	ug/l	96
64) Tetrachloroethene	11.112	164	85974	21.410	ug/l	99
65) Chlorobenzene	11.894	112	263806	20.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	103239	21.776	ug/l	98
67) Ethyl Benzene	11.971	91	456068	20.505	ug/l	99
68) m/p-Xylenes	12.076	106	342700	40.430	ug/l	98
69) o-Xylene	12.406	106	169678	20.384	ug/l	97
70) Styrene	12.418	104	265665	20.273	ug/l	98
71) Bromoform	12.582	173	69107	22.587	ug/l #	100
73) Isopropylbenzene	12.700	105	415473	19.723	ug/l	98
74) N-amyl acetate	12.500	43	138100	19.908	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	139235	22.695	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	92406m	17.547	ug/l	
77) Bromobenzene	12.988	156	97920	20.024	ug/l	98
78) n-propylbenzene	13.041	91	442829	19.348	ug/l	99
79) 2-Chlorotoluene	13.129	91	293279	19.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	331395	19.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41322	24.107	ug/l	93
82) 4-Chlorotoluene	13.229	91	275062	19.949	ug/l	99
83) tert-Butylbenzene	13.441	119	272107	18.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	319391	19.316	ug/l	95
85) sec-Butylbenzene	13.623	105	345530	17.807	ug/l	100
86) p-Isopropyltoluene	13.735	119	276821	17.580	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	156181	18.881	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	152126	19.059	ug/l	97
89) n-Butylbenzene	14.065	91	202104	16.272	ug/l	96
90) Hexachloroethane	14.341	117	54813	19.615	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	160540	19.859	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21531	20.635	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	38901	13.506	ug/l	96
94) Hexachlorobutadiene	15.506	225	27971	18.102	ug/l	98
95) Naphthalene	15.647	128	127868	13.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	48730	15.127	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
Data File : VN078435.D
Acq On : 28 Jun 2023 12:38
Operator : JC\MD
Sample : VN0628WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 05:18:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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

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

