

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073942.D
 Acq On : 16 Aug 2022 12:30
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	538457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	784569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	707179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	354350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297929	56.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.620%
35) Dibromofluoromethane	7.951	113	260008	56.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.080%
50) Toluene-d8	10.380	98	971713	54.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.140%
62) 4-Bromofluorobenzene	12.669	95	327786	54.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	83064	19.455	ug/l	97
3) Chloromethane	2.269	50	91845	19.345	ug/l	95
4) Vinyl Chloride	2.405	62	113387	18.603	ug/l	99
5) Bromomethane	2.810	94	75408	19.812	ug/l	97
6) Chloroethane	2.969	64	77421	17.980	ug/l	96
7) Trichlorofluoromethane	3.316	101	150885	19.190	ug/l	98
8) Diethyl Ether	3.763	74	56867	19.484	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	88297	19.332	ug/l	92
10) Methyl Iodide	4.351	142	98742	18.007	ug/l	97
11) Tert butyl alcohol	5.281	59	118153	100.717	ug/l	99
12) 1,1-Dichloroethene	4.116	96	79623	18.736	ug/l	92
13) Acrolein	3.975	56	103455	125.990	ug/l	99
14) Allyl chloride	4.763	41	121711	19.338	ug/l	99
15) Acrylonitrile	5.469	53	289072	100.930	ug/l	99
16) Acetone	4.222	43	245510	99.224	ug/l	99
17) Carbon Disulfide	4.457	76	183843	18.194	ug/l	99
18) Methyl Acetate	4.781	43	142186	21.545	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	305995	19.992	ug/l	98
20) Methylene Chloride	5.010	84	98930	18.948	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	88044	18.805	ug/l	96
22) Diisopropyl ether	6.410	45	272473	20.418	ug/l	95
23) Vinyl Acetate	6.345	43	1175761	102.816	ug/l	100
24) 1,1-Dichloroethane	6.304	63	161510	19.444	ug/l	97
25) 2-Butanone	7.257	43	393155	100.211	ug/l	98
26) 2,2-Dichloropropane	7.251	77	139617	17.890	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	109368	18.933	ug/l	95
28) Bromochloromethane	7.581	49	63755	20.810	ug/l	87
29) Tetrahydrofuran	7.610	42	259950	103.290	ug/l	96
30) Chloroform	7.745	83	177792	19.142	ug/l	96
31) Cyclohexane	8.022	56	139574	19.091	ug/l #	93
32) 1,1,1-Trichloroethane	7.939	97	158130	19.198	ug/l	98
36) 1,1-Dichloropropene	8.151	75	123795	19.209	ug/l	99
37) Ethyl Acetate	7.340	43	157105	20.122	ug/l	99
38) Carbon Tetrachloride	8.134	117	136988	18.596	ug/l	98
39) Methylcyclohexane	9.392	83	154133	19.087	ug/l	95
40) Benzene	8.386	78	391795	19.262	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073942.D
 Acq On : 16 Aug 2022 12:30
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	76760	21.755	ug/l #	91
42) 1,2-Dichloroethane	8.463	62	141541	20.238	ug/l	98
43) Isopropyl Acetate	8.492	43	221438	19.909	ug/l	96
44) Trichloroethene	9.151	130	108711	18.505	ug/l	99
45) 1,2-Dichloropropane	9.428	63	96706	19.836	ug/l	97
46) Dibromomethane	9.510	93	74580	20.121	ug/l	93
47) Bromodichloromethane	9.698	83	138945	19.612	ug/l	97
48) Methyl methacrylate	9.498	41	97425	20.471	ug/l	88
49) 1,4-Dioxane	9.498	88	57012	402.832	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	770329	102.438	ug/l	99
52) Toluene	10.445	92	257150	18.437	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	144469	19.433	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	159820	19.649	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	107887	19.885	ug/l	99
56) Ethyl methacrylate	10.698	69	161097	20.818	ug/l	96
57) 1,3-Dichloropropane	10.986	76	178477	20.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	389266	107.784	ug/l	96
59) 2-Hexanone	11.028	43	598946	103.491	ug/l	100
60) Dibromochloromethane	11.175	129	117410	19.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	114432	19.719	ug/l	99
64) Tetrachloroethene	10.916	164	101642	18.210	ug/l	94
65) Chlorobenzene	11.710	112	282344	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	109725	19.280	ug/l	98
67) Ethyl Benzene	11.786	91	474824	18.997	ug/l	99
68) m/p-Xylenes	11.892	106	384034	37.816	ug/l	97
69) o-Xylene	12.222	106	187952	18.456	ug/l	98
70) Styrene	12.233	104	302666	18.983	ug/l	98
71) Bromoform	12.398	173	92116	18.129	ug/l #	100
73) Isopropylbenzene	12.522	105	485496	18.816	ug/l	98
74) N-amyl acetate	12.327	43	181709	18.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	168748	19.489	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	143658m	19.505	ug/l	
77) Bromobenzene	12.804	156	129814	18.587	ug/l	92
78) n-propylbenzene	12.863	91	526442	19.140	ug/l	98
79) 2-Chlorotoluene	12.945	91	329454	19.221	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	407229	19.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	48572	18.757	ug/l	99
82) 4-Chlorotoluene	13.045	91	310641	19.082	ug/l	95
83) tert-Butylbenzene	13.263	119	364436	18.870	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	408354	19.484	ug/l	100
85) sec-Butylbenzene	13.439	105	497556	19.875	ug/l	99
86) p-Isopropyltoluene	13.557	119	425168	19.935	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	228606	18.874	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	230478	18.777	ug/l	97
89) n-Butylbenzene	13.880	91	317567	18.799	ug/l	99
90) Hexachloroethane	14.151	117	71065	18.229	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	237752	19.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	36095	17.655	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	144290	18.955	ug/l	98
94) Hexachlorobutadiene	15.304	225	76487	19.061	ug/l	98
95) Naphthalene	15.433	128	477306	19.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	153519	19.511	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
Data File : VN073942.D
Acq On : 16 Aug 2022 12:30
Operator : JC\MD
Sample : VN0816WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

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

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

