

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071297.D
 Acq On : 15 Mar 2022 17:16
 Operator : JC\MD
 Sample : VN0315WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 08:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	629178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1023985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	889694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	349261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	457838	53.094	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.180%			
35) Dibromofluoromethane	8.022	113	346522	53.627	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.260%			
50) Toluene-d8	10.439	98	1359359	52.249	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.727	95	442107	50.183	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	117315	17.013	ug/l	98
3) Chloromethane	2.299	50	168511	18.181	ug/l	99
4) Vinyl Chloride	2.440	62	148845	17.613	ug/l	100
5) Bromomethane	2.852	94	83782	18.430	ug/l	99
6) Chloroethane	3.016	64	90508	17.685	ug/l	96
7) Trichlorofluoromethane	3.375	101	201800	18.143	ug/l	100
8) Diethyl Ether	3.828	74	85727	18.011	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	116403	18.078	ug/l	97
10) Methyl Iodide	4.422	142	147250	16.191	ug/l	98
11) Tert butyl alcohol	5.363	59	145709	86.016	ug/l	98
12) 1,1-Dichloroethene	4.187	96	111889	17.739	ug/l	95
13) Acrolein	4.046	56	70086	39.089	ug/l	99
14) Allyl chloride	4.846	41	240439	17.526	ug/l	87
15) Acrylonitrile	5.551	53	451729	89.808	ug/l	99
16) Acetone	4.281	43	416164	99.187	ug/l	94
17) Carbon Disulfide	4.534	76	276948	15.422	ug/l	99
18) Methyl Acetate	4.851	43	229937	20.684	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	445002	18.790	ug/l	95
20) Methylene Chloride	5.093	84	144642	19.100	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	121848	17.661	ug/l	92
22) Diisopropyl ether	6.493	45	507791	18.788	ug/l	96
23) Vinyl Acetate	6.428	43	2158815	94.348	ug/l	97
24) 1,1-Dichloroethane	6.387	63	262173	18.357	ug/l	99
25) 2-Butanone	7.328	43	628106	92.931	ug/l	94
26) 2,2-Dichloropropane	7.322	77	215326	19.543	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	150103	18.331	ug/l	90
28) Bromochloromethane	7.657	49	110287	17.341	ug/l	83
29) Tetrahydrofuran	7.681	42	427698	91.342	ug/l	91
30) Chloroform	7.816	83	254360	18.673	ug/l	99
31) Cyclohexane	8.092	56	243430	17.678	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	217355	18.732	ug/l	98
36) 1,1-Dichloropropene	8.216	75	184281	17.800	ug/l	97
37) Ethyl Acetate	7.410	43	253676	17.804	ug/l	98
38) Carbon Tetrachloride	8.204	117	181922	18.167	ug/l	98
39) Methylcyclohexane	9.457	83	222051	18.232	ug/l	92
40) Benzene	8.457	78	570762	18.298	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	126938	18.204	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	206380	19.013	ug/l	98
43) Isopropyl Acetate	8.557	43	479788	22.518	ug/l #	88
44) Trichloroethene	9.210	130	136666	18.569	ug/l	98
45) 1,2-Dichloropropane	9.486	63	159291	19.023	ug/l	98
46) Dibromomethane	9.575	93	96731	18.769	ug/l	95
47) Bromodichloromethane	9.757	83	192349	18.468	ug/l	99
48) Methyl methacrylate	9.557	41	179726	18.202	ug/l #	84
49) 1,4-Dioxane	9.563	88	61954	360.966	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1229641	92.990	ug/l	99
52) Toluene	10.504	92	355065	18.485	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	212086	18.472	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	234292	18.676	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	141276	18.355	ug/l	97
56) Ethyl methacrylate	10.757	69	233602	18.585	ug/l	90
57) 1,3-Dichloropropane	11.039	76	256725	18.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	268598	118.240	ug/l	94
59) 2-Hexanone	11.080	43	882054	97.763	ug/l	99
60) Dibromochloromethane	11.233	129	144306	18.870	ug/l	100
61) 1,2-Dibromoethane	11.339	107	141139	17.942	ug/l	100
64) Tetrachloroethene	10.975	164	118285	19.063	ug/l	97
65) Chlorobenzene	11.769	112	369428	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	138374	19.751	ug/l	99
67) Ethyl Benzene	11.839	91	656028	19.419	ug/l	97
68) m/p-Xylenes	11.951	106	494278	39.994	ug/l	98
69) o-Xylene	12.275	106	249516	20.141	ug/l	98
70) Styrene	12.292	104	389670	20.320	ug/l	97
71) Bromoform	12.457	173	104116	19.569	ug/l #	99
73) Isopropylbenzene	12.574	105	632530	18.787	ug/l	99
74) N-amyl acetate	12.386	43	243530	19.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	221639	20.649	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	175636m	18.999	ug/l	
77) Bromobenzene	12.857	156	147078	18.734	ug/l	80
78) n-propylbenzene	12.916	91	689029	19.072	ug/l	98
79) 2-Chlorotoluene	13.004	91	432813	18.662	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	509913	19.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	62580	19.369	ug/l	95
82) 4-Chlorotoluene	13.098	91	407385	19.721	ug/l	94
83) tert-Butylbenzene	13.322	119	452744	19.368	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	500880	19.964	ug/l	98
85) sec-Butylbenzene	13.498	105	607666	19.557	ug/l	99
86) p-Isopropyltoluene	13.610	119	487823	19.964	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	240776	18.875	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	230278	18.467	ug/l	95
89) n-Butylbenzene	13.939	91	350728	18.351	ug/l	97
90) Hexachloroethane	14.210	117	89936	18.508	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	237357	19.354	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38207	19.504	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	98887	19.233	ug/l	99
94) Hexachlorobutadiene	15.363	225	65413	18.999	ug/l	98
95) Naphthalene	15.504	128	251241	19.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	94791	19.075	ug/l	98

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

