

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071773.D
 Acq On : 02 Apr 2022 00:09
 Operator : JC\MD
 Sample : VN0401WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 00:59:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	487788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	783091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	706915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	254612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306546	55.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.100%			
35) Dibromofluoromethane	8.022	113	254644	55.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.520%			
50) Toluene-d8	10.439	98	1033795	54.842	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.727	95	305894	50.175	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	80300	20.707	ug/l	97
3) Chloromethane	2.304	50	95989	19.534	ug/l	100
4) Vinyl Chloride	2.446	62	107609	19.941	ug/l	94
5) Bromomethane	2.851	94	72239	20.592	ug/l	99
6) Chloroethane	3.016	64	69274	17.844	ug/l	98
7) Trichlorofluoromethane	3.375	101	141287	20.578	ug/l	97
8) Diethyl Ether	3.828	74	61769	21.288	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	87339	20.643	ug/l	99
10) Methyl Iodide	4.428	142	118572	20.048	ug/l	100
11) Tert butyl alcohol	5.363	59	102101	112.981	ug/l	99
12) 1,1-Dichloroethene	4.187	96	83589	20.761	ug/l	97
13) Acrolein	4.040	56	117685	106.803	ug/l	99
14) Allyl chloride	4.845	41	131987	20.197	ug/l	96
15) Acrylonitrile	5.551	53	316807	120.607	ug/l	97
16) Acetone	4.287	43	239679	100.712	ug/l	97
17) Carbon Disulfide	4.534	76	169406	18.338	ug/l	98
18) Methyl Acetate	4.851	43	136303	22.290	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	324776	21.713	ug/l	99
20) Methylene Chloride	5.098	84	105646	21.061	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	89673	20.288	ug/l	96
22) Diisopropyl ether	6.492	45	312191	21.944	ug/l	99
23) Vinyl Acetate	6.434	43	1286618	113.728	ug/l	99
24) 1,1-Dichloroethane	6.386	63	179746	21.522	ug/l	97
25) 2-Butanone	7.328	43	387546	112.959	ug/l	98
26) 2,2-Dichloropropane	7.328	77	122649	17.095	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	117064	21.599	ug/l	94
28) Bromochloromethane	7.657	49	74198	22.024	ug/l	98
29) Tetrahydrofuran	7.681	42	261386	117.661	ug/l	99
30) Chloroform	7.816	83	188720	21.400	ug/l	98
31) Cyclohexane	8.092	56	149862	19.789	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	158974	21.072	ug/l	98
36) 1,1-Dichloropropene	8.216	75	126102	19.596	ug/l	99
37) Ethyl Acetate	7.410	43	161632	22.948	ug/l	100
38) Carbon Tetrachloride	8.204	117	131682	20.880	ug/l	99
39) Methylcyclohexane	9.457	83	149270	19.487	ug/l	98
40) Benzene	8.457	78	421052	20.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	76559	22.200	ug/l	98
42) 1,2-Dichloroethane	8.527	62	146716	20.865	ug/l	98
43) Isopropyl Acetate	8.557	43	234125	19.985	ug/l	98
44) Trichloroethene	9.216	130	107058	20.443	ug/l	97
45) 1,2-Dichloropropane	9.486	63	108187	21.304	ug/l	99
46) Dibromomethane	9.574	93	73610	21.349	ug/l	99
47) Bromodichloromethane	9.757	83	143132	21.089	ug/l	96
48) Methyl methacrylate	9.557	41	107736	22.166	ug/l	95
49) 1,4-Dioxane	9.569	88	49366	420.116	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	783092	116.263	ug/l	99
52) Toluene	10.504	92	273644	21.296	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	145766	20.492	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	163135	20.756	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	116389	22.008	ug/l	99
56) Ethyl methacrylate	10.757	69	167143	22.155	ug/l	95
57) 1,3-Dichloropropane	11.039	76	189948	21.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	142186	74.030	ug/l	100
59) 2-Hexanone	11.080	43	541589	114.207	ug/l	98
60) Dibromochloromethane	11.233	129	112923	21.899	ug/l	100
61) 1,2-Dibromoethane	11.345	107	114018	21.903	ug/l	99
64) Tetrachloroethene	10.974	164	95362	20.429	ug/l	97
65) Chlorobenzene	11.768	112	290610	20.530	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	108748	21.291	ug/l	100
67) Ethyl Benzene	11.839	91	492091	20.536	ug/l	99
68) m/p-Xylenes	11.951	106	375227	40.755	ug/l	100
69) o-Xylene	12.274	106	189844	20.774	ug/l	98
70) Styrene	12.292	104	292978	21.160	ug/l	99
71) Bromoform	12.457	173	82158	21.122	ug/l #	99
73) Isopropylbenzene	12.574	105	481440	22.439	ug/l	100
74) N-amyl acetate	12.386	43	138380	22.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	168060	23.476	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	127977m	21.697	ug/l	
77) Bromobenzene	12.857	156	113539	21.110	ug/l	100
78) n-propylbenzene	12.915	91	488967	21.665	ug/l	99
79) 2-Chlorotoluene	13.004	91	315866	21.823	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	392354	23.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	38039	19.986	ug/l	99
82) 4-Chlorotoluene	13.104	91	282728	21.074	ug/l	100
83) tert-Butylbenzene	13.321	119	343663	22.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	377161	22.739	ug/l	98
85) sec-Butylbenzene	13.498	105	445401	22.111	ug/l	100
86) p-Isopropyltoluene	13.610	119	355576	22.138	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	179989	21.005	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	172674	20.656	ug/l	99
89) n-Butylbenzene	13.939	91	237165	19.909	ug/l	99
90) Hexachloroethane	14.204	117	66114	22.487	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	179340	21.319	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25947	23.367	ug/l	98
93) 1,2,4-Trichlorobenzene	15.262	180	74186	19.630	ug/l	98
94) Hexachlorobutadiene	15.368	225	47757	19.249	ug/l	97
95) Naphthalene	15.504	128	189622	18.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	74035	20.364	ug/l	99

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

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