

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073000.D
 Acq On : 22 Jun 2022 03:40
 Operator : JC\MD
 Sample : VN0621WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 22 07:04:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	246407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	438038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	385677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	172136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189317	56.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.660%			
35) Dibromofluoromethane	7.957	113	147553	54.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.375	98	546078	54.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.669	95	192047	53.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	48494	20.670	ug/l	96
3) Chloromethane	2.269	50	45484	18.399	ug/l	99
4) Vinyl Chloride	2.410	62	44015	20.920	ug/l	96
5) Bromomethane	2.810	94	19015	22.958	ug/l	99
6) Chloroethane	2.975	64	28421	21.592	ug/l	100
7) Trichlorofluoromethane	3.328	101	82938	24.207	ug/l	98
8) Diethyl Ether	3.775	74	36539	20.664	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.151	101	48979	20.680	ug/l	99
10) Methyl Iodide	4.357	142	36864	13.580	ug/l	96
11) Tert butyl alcohol	5.293	59	84504	98.200	ug/l	100
12) 1,1-Dichloroethene	4.116	96	46588	19.748	ug/l	98
13) Acrolein	3.993	56	31664	93.428	ug/l	99
14) Allyl chloride	4.763	41	96947	19.234	ug/l #	93
15) Acrylonitrile	5.481	53	210522	106.125	ug/l	100
16) Acetone	4.228	43	195451	106.732	ug/l	98
17) Carbon Disulfide	4.463	76	98657	16.322	ug/l #	94
18) Methyl Acetate	4.781	43	100150	20.538	ug/l	93
19) Methyl tert-butyl Ether	5.534	73	194399	21.941	ug/l	97
20) Methylene Chloride	5.010	84	58703	20.525	ug/l	94
21) trans-1,2-Dichloroethene	5.522	96	48447	18.879	ug/l	95
22) Diisopropyl ether	6.416	45	210268	22.378	ug/l	97
23) Vinyl Acetate	6.351	43	942631	108.675	ug/l	95
24) 1,1-Dichloroethane	6.310	63	105307	21.377	ug/l	98
25) 2-Butanone	7.263	43	310765	106.944	ug/l	91
26) 2,2-Dichloropropane	7.251	77	59299	14.086	ug/l	97
27) cis-1,2-Dichloroethene	7.257	96	63577	20.737	ug/l	98
28) Bromochloromethane	7.586	49	40559	19.908	ug/l	84
29) Tetrahydrofuran	7.610	42	203581	106.091	ug/l	88
30) Chloroform	7.745	83	106752	21.406	ug/l	96
31) Cyclohexane	8.022	56	88110	19.553	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	93403	21.343	ug/l	97
36) 1,1-Dichloropropene	8.151	75	70656	19.286	ug/l	97
37) Ethyl Acetate	7.334	43	121559	20.744	ug/l #	95
38) Carbon Tetrachloride	8.133	117	78868	20.467	ug/l	97
39) Methylcyclohexane	9.392	83	81149	18.377	ug/l	91
40) Benzene	8.392	78	237751	20.650	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64787	23.315	ug/l #	78
42) 1,2-Dichloroethane	8.457	62	86477	21.147	ug/l	100
43) Isopropyl Acetate	8.492	43	177302	21.167	ug/l	94
44) Trichloroethene	9.151	130	57050	19.553	ug/l	89
45) 1,2-Dichloropropane	9.428	63	63032	21.418	ug/l	100
46) Dibromomethane	9.510	93	41472	20.841	ug/l	93
47) Bromodichloromethane	9.698	83	81779	20.678	ug/l	97
48) Methyl methacrylate	9.492	41	77737	20.327	ug/l	89
49) 1,4-Dioxane	9.504	88	31773	369.239	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	590498	108.105	ug/l	91
52) Toluene	10.439	92	145281	20.553	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	81424	19.144	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	90024	19.378	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	63046	20.313	ug/l	99
56) Ethyl methacrylate	10.698	69	101208	20.344	ug/l #	82
57) 1,3-Dichloropropane	10.980	76	107553	20.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	236825	107.828	ug/l	96
59) 2-Hexanone	11.022	43	444577	105.231	ug/l	89
60) Dibromochloromethane	11.174	129	63485	21.643	ug/l	98
61) 1,2-Dibromoethane	11.280	107	61734	20.176	ug/l	96
64) Tetrachloroethene	10.910	164	46593	19.859	ug/l	97
65) Chlorobenzene	11.704	112	154289	20.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	59203	20.651	ug/l	99
67) Ethyl Benzene	11.780	91	276811	20.877	ug/l	100
68) m/p-Xylenes	11.892	106	207849	39.967	ug/l	97
69) o-Xylene	12.216	106	104027	20.019	ug/l	95
70) Styrene	12.233	104	171525	20.554	ug/l	99
71) Bromoform	12.392	173	43563	20.154	ug/l #	100
73) Isopropylbenzene	12.516	105	275740	20.706	ug/l	99
74) N-amyl acetate	12.327	43	139937	20.249	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	97818	20.396	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	79593m	19.071	ug/l	
77) Bromobenzene	12.798	156	63040	19.760	ug/l	91
78) n-propylbenzene	12.857	91	301888	20.610	ug/l	99
79) 2-Chlorotoluene	12.939	91	189163	19.943	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	222593	20.349	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	25812	16.703	ug/l	90
82) 4-Chlorotoluene	13.039	91	182479	20.333	ug/l	98
83) tert-Butylbenzene	13.257	119	205920	20.555	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	223609	20.524	ug/l	98
85) sec-Butylbenzene	13.439	105	271322	20.302	ug/l	98
86) p-Isopropyltoluene	13.551	119	215511	19.918	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	115568	20.291	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	114960	19.942	ug/l	97
89) n-Butylbenzene	13.874	91	167420	18.950	ug/l	99
90) Hexachloroethane	14.145	117	42567	20.868	ug/l	83
91) 1,2-Dichlorobenzene	13.921	146	119230	20.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24323	20.061	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	60869	18.517	ug/l	97
94) Hexachlorobutadiene	15.298	225	25895	18.102	ug/l	97
95) Naphthalene	15.427	128	245183	18.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	63578	18.112	ug/l	97

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

