

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073186.D
 Acq On : 28 Jun 2022 02:12
 Operator : JC\MD
 Sample : VN0627WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:44:28 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	273741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	486515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	188800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198508	53.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.280%			
35) Dibromofluoromethane	7.951	113	152427	50.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	10.380	98	555632	49.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.320%			
62) 4-Bromofluorobenzene	12.669	95	206400	51.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	46099	17.687	ug/l	98
3) Chloromethane	2.269	50	46066	16.824	ug/l	95
4) Vinyl Chloride	2.410	62	43958	18.807	ug/l	99
5) Bromomethane	2.804	94	21842	23.738	ug/l	89
6) Chloroethane	2.969	64	28297	19.351	ug/l	95
7) Trichlorofluoromethane	3.322	101	85556	22.477	ug/l	96
8) Diethyl Ether	3.769	74	39152	19.930	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.146	101	49564	18.838	ug/l	98
10) Methyl Iodide	4.351	142	54093	17.937	ug/l	96
11) Tert butyl alcohol	5.287	59	98378	102.907	ug/l	99
12) 1,1-Dichloroethene	4.116	96	48105	18.355	ug/l	94
13) Acrolein	3.987	56	13368	35.505	ug/l	94
14) Allyl chloride	4.763	41	103486	18.481	ug/l #	94
15) Acrylonitrile	5.469	53	227915	103.421	ug/l	98
16) Acetone	4.222	43	212383	104.398	ug/l	97
17) Carbon Disulfide	4.463	76	88227	13.139	ug/l	99
18) Methyl Acetate	4.781	43	117676	21.722	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	214199	21.762	ug/l	100
20) Methylene Chloride	5.022	84	63157	19.869	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	49945	17.519	ug/l	93
22) Diisopropyl ether	6.416	45	223861	21.445	ug/l	96
23) Vinyl Acetate	6.351	43	993161	103.067	ug/l	94
24) 1,1-Dichloroethane	6.304	63	114627	20.945	ug/l	97
25) 2-Butanone	7.263	43	337731	104.618	ug/l	91
26) 2,2-Dichloropropane	7.251	77	70473	15.109	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	68305	20.054	ug/l	99
28) Bromochloromethane	7.586	49	45076	19.916	ug/l	86
29) Tetrahydrofuran	7.610	42	223563	104.871	ug/l	88
30) Chloroform	7.745	83	116542	21.035	ug/l	100
31) Cyclohexane	8.022	56	92071	18.391	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	99902	20.548	ug/l	100
36) 1,1-Dichloropropene	8.151	75	76088	18.700	ug/l	96
37) Ethyl Acetate	7.339	43	134427	20.655	ug/l	95
38) Carbon Tetrachloride	8.134	117	81638	19.075	ug/l	99
39) Methylcyclohexane	9.392	83	81516	16.621	ug/l	88
40) Benzene	8.386	78	248387	19.424	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64963	21.049	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	93655	20.620	ug/l	99
43) Isopropyl Acetate	8.492	43	195115	20.972	ug/l	94
44) Trichloroethene	9.145	130	60673	18.723	ug/l	97
45) 1,2-Dichloropropane	9.428	63	66925	20.475	ug/l	100
46) Dibromomethane	9.510	93	44575	20.168	ug/l	94
47) Bromodichloromethane	9.698	83	89732	20.429	ug/l	97
48) Methyl methacrylate	9.498	41	93101	21.918	ug/l	88
49) 1,4-Dioxane	9.504	88	35988	376.550	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	654177	107.829	ug/l	92
52) Toluene	10.439	92	155722	19.835	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	92395	19.559	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	98516	19.093	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	68940	19.999	ug/l	99
56) Ethyl methacrylate	10.698	69	115110	20.833	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	118362	20.696	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	261716	107.288	ug/l	96
59) 2-Hexanone	11.022	43	501903	106.963	ug/l	90
60) Dibromochloromethane	11.175	129	66281	20.345	ug/l	99
61) 1,2-Dibromoethane	11.280	107	69137	20.344	ug/l	98
64) Tetrachloroethene	10.916	164	59873	22.947	ug/l	96
65) Chlorobenzene	11.704	112	168362	20.100	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	65853	20.657	ug/l	98
67) Ethyl Benzene	11.780	91	299438	20.308	ug/l	100
68) m/p-Xylenes	11.892	106	222883	38.540	ug/l	95
69) o-Xylene	12.216	106	119225	20.632	ug/l	100
70) Styrene	12.233	104	188107	20.270	ug/l	99
71) Bromoform	12.392	173	47810	19.890	ug/l #	96
73) Isopropylbenzene	12.516	105	307550	21.056	ug/l	99
74) N-amyl acetate	12.327	43	156825	20.690	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	106626	20.270	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	92270m	20.158	ug/l	
77) Bromobenzene	12.798	156	70302	20.091	ug/l	87
78) n-propylbenzene	12.857	91	333053	20.730	ug/l	98
79) 2-Chlorotoluene	12.945	91	211099	20.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	250357	20.867	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	29936	17.662	ug/l	90
82) 4-Chlorotoluene	13.039	91	200089	20.328	ug/l	99
83) tert-Butylbenzene	13.257	119	230841	21.008	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	248782	20.819	ug/l	99
85) sec-Butylbenzene	13.439	105	304572	20.779	ug/l	99
86) p-Isopropyltoluene	13.551	119	246982	20.812	ug/l	100
87) 1,3-Dichlorobenzene	13.551	146	126274	20.213	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	123233	19.490	ug/l	96
89) n-Butylbenzene	13.880	91	196261	20.254	ug/l	99
90) Hexachloroethane	14.145	117	47098	21.052	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	132855	20.393	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	28144	21.169	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	69382	19.243	ug/l	96
94) Hexachlorobutadiene	15.298	225	29697	18.928	ug/l	97
95) Naphthalene	15.433	128	294571	20.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	73165	19.004	ug/l	98

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

