

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073086.D
 Acq On : 24 Jun 2022 16:33
 Operator : JC\MD
 Sample : VN0624WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:39:26 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	242067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	423572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	369638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	164324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183880	56.186	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.380%			
35) Dibromofluoromethane	7.951	113	142905	54.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.375	98	525189	53.911	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.669	95	189189	54.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49961	21.677	ug/l	99
3) Chloromethane	2.269	50	47245	19.422	ug/l	98
4) Vinyl Chloride	2.405	62	43123	20.863	ug/l	99
5) Bromomethane	2.804	94	20140	24.753	ug/l	91
6) Chloroethane	2.963	64	28917	22.362	ug/l	98
7) Trichlorofluoromethane	3.316	101	80872	24.027	ug/l	100
8) Diethyl Ether	3.769	74	38141	21.956	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	50581	21.740	ug/l	100
10) Methyl Iodide	4.351	142	40955	15.357	ug/l	93
11) Tert butyl alcohol	5.298	59	90324	106.845	ug/l	99
12) 1,1-Dichloroethene	4.116	96	46884	20.230	ug/l	99
13) Acrolein	3.975	56	18896	56.754	ug/l	95
14) Allyl chloride	4.763	41	104325	21.069	ug/l #	93
15) Acrylonitrile	5.475	53	227543	116.762	ug/l	100
16) Acetone	4.222	43	199821	111.075	ug/l	94
17) Carbon Disulfide	4.457	76	99418	16.743	ug/l	99
18) Methyl Acetate	4.775	43	108457	22.640	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	201699	23.173	ug/l	96
20) Methylene Chloride	5.016	84	60366	21.496	ug/l #	93
21) trans-1,2-Dichloroethene	5.516	96	49757	19.737	ug/l	93
22) Diisopropyl ether	6.410	45	216227	23.424	ug/l	93
23) Vinyl Acetate	6.351	43	978194	114.796	ug/l	94
24) 1,1-Dichloroethane	6.310	63	108526	22.425	ug/l	97
25) 2-Butanone	7.263	43	332008	116.302	ug/l	92
26) 2,2-Dichloropropane	7.251	77	93551	22.975	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	65873	21.871	ug/l	94
28) Bromochloromethane	7.581	49	46529	23.248	ug/l	83
29) Tetrahydrofuran	7.616	42	219992	116.699	ug/l	87
30) Chloroform	7.751	83	112243	22.910	ug/l	99
31) Cyclohexane	8.022	56	88782	20.055	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	96627	22.475	ug/l	98
36) 1,1-Dichloropropene	8.151	75	72817	20.555	ug/l	99
37) Ethyl Acetate	7.339	43	126050	22.245	ug/l	97
38) Carbon Tetrachloride	8.134	117	78903	21.175	ug/l	93
39) Methylcyclohexane	9.392	83	85977	20.135	ug/l	97
40) Benzene	8.392	78	240230	21.578	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59331	22.081	ug/l	90
42) 1,2-Dichloroethane	8.463	62	91527	23.146	ug/l	99
43) Isopropyl Acetate	8.498	43	185643	22.920	ug/l	93
44) Trichloroethene	9.145	130	59121	20.955	ug/l	100
45) 1,2-Dichloropropane	9.428	63	63576	22.340	ug/l	96
46) Dibromomethane	9.510	93	42962	22.327	ug/l	92
47) Bromodichloromethane	9.698	83	87238	22.812	ug/l	96
48) Methyl methacrylate	9.492	41	81093	21.928	ug/l	91
49) 1,4-Dioxane	9.504	88	36221	435.305	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	628530	118.997	ug/l	91
52) Toluene	10.445	92	148445	21.717	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	90701	22.054	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	99204	22.083	ug/l #	87
55) 1,1,2-Trichloroethane	10.833	97	66209	22.061	ug/l	96
56) Ethyl methacrylate	10.698	69	107699	22.388	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	108721	21.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	245975	115.819	ug/l	96
59) 2-Hexanone	11.022	43	482078	118.005	ug/l	89
60) Dibromochloromethane	11.180	129	65693	23.161	ug/l	100
61) 1,2-Dibromoethane	11.286	107	65078	21.995	ug/l	97
64) Tetrachloroethene	10.916	164	49767	22.132	ug/l	95
65) Chlorobenzene	11.704	112	155861	21.591	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	60982	22.195	ug/l	98
67) Ethyl Benzene	11.780	91	284997	22.427	ug/l	100
68) m/p-Xylenes	11.892	106	217856	43.709	ug/l	97
69) o-Xylene	12.216	106	110113	22.109	ug/l	99
70) Styrene	12.227	104	176171	22.027	ug/l	99
71) Bromoform	12.398	173	46619	22.503	ug/l #	98
73) Isopropylbenzene	12.516	105	282345	22.210	ug/l	98
74) N-amyl acetate	12.327	43	148300	22.480	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	101917	22.261	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	84682m	21.255	ug/l	
77) Bromobenzene	12.798	156	66442	21.816	ug/l	87
78) n-propylbenzene	12.857	91	315774	22.583	ug/l	98
79) 2-Chlorotoluene	12.945	91	197828	21.848	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	232453	22.261	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	32576	22.082	ug/l	91
82) 4-Chlorotoluene	13.039	91	191951	22.406	ug/l	97
83) tert-Butylbenzene	13.257	119	210432	22.004	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	232255	22.331	ug/l	98
85) sec-Butylbenzene	13.439	105	282054	22.109	ug/l	99
86) p-Isopropyltoluene	13.551	119	232188	22.480	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	117803	21.666	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	116444	21.159	ug/l	98
89) n-Butylbenzene	13.880	91	184675	21.897	ug/l	99
90) Hexachloroethane	14.145	117	45475	23.354	ug/l	82
91) 1,2-Dichlorobenzene	13.921	146	123667	21.810	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25498	22.039	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	63300	20.172	ug/l	96
94) Hexachlorobutadiene	15.298	225	27420	20.080	ug/l	99
95) Naphthalene	15.433	128	264832	20.862	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	66314	19.790	ug/l	99

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

