

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073152.D
 Acq On : 27 Jun 2022 10:59
 Operator : JC\MD
 Sample : VN0627WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Quant Time: Jun 28 06:35:41 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	260254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	448996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	399117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	176107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189880	53.965	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.940%			
35) Dibromofluoromethane	7.951	113	147423	53.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.375	98	540497	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.669	95	194672	52.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47696	19.248	ug/l	99
3) Chloromethane	2.263	50	44622	17.131	ug/l	95
4) Vinyl Chloride	2.404	62	40780	18.351	ug/l	98
5) Bromomethane	2.804	94	18849	21.547	ug/l	100
6) Chloroethane	2.963	64	28570	20.550	ug/l	93
7) Trichlorofluoromethane	3.316	101	85352	23.586	ug/l	96
8) Diethyl Ether	3.769	74	38150	20.427	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	47833	19.122	ug/l	98
10) Methyl Iodide	4.351	142	43897	15.310	ug/l	95
11) Tert butyl alcohol	5.287	59	97743	107.541	ug/l	98
12) 1,1-Dichloroethene	4.122	96	46695	18.740	ug/l	97
13) Acrolein	3.981	56	18994	53.062	ug/l	97
14) Allyl chloride	4.763	41	104184	19.570	ug/l #	94
15) Acrylonitrile	5.481	53	226094	107.911	ug/l	99
16) Acetone	4.228	43	205155	106.071	ug/l	95
17) Carbon Disulfide	4.457	76	90812	14.225	ug/l	100
18) Methyl Acetate	4.775	43	107737	20.918	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	200741	21.451	ug/l	98
20) Methylene Chloride	5.010	84	60376	19.980	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	49676	18.328	ug/l	93
22) Diisopropyl ether	6.416	45	211290	21.290	ug/l	96
23) Vinyl Acetate	6.351	43	967408	105.597	ug/l	94
24) 1,1-Dichloroethane	6.304	63	107480	20.657	ug/l	96
25) 2-Butanone	7.263	43	326056	106.236	ug/l	91
26) 2,2-Dichloropropane	7.257	77	94201	21.480	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	65405	20.198	ug/l	96
28) Bromochloromethane	7.586	49	46521	21.619	ug/l	84
29) Tetrahydrofuran	7.616	42	218987	108.048	ug/l	88
30) Chloroform	7.745	83	111696	21.205	ug/l	99
31) Cyclohexane	8.022	56	86760	18.229	ug/l #	93
32) 1,1,1-Trichloroethane	7.939	97	96285	20.831	ug/l	99
36) 1,1-Dichloropropene	8.157	75	74149	19.746	ug/l	98
37) Ethyl Acetate	7.339	43	131274	21.856	ug/l	95
38) Carbon Tetrachloride	8.133	117	79843	20.214	ug/l	99
39) Methylcyclohexane	9.392	83	82699	18.271	ug/l	92
40) Benzene	8.392	78	237444	20.120	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68960	24.211	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	90281	21.538	ug/l	100
43) Isopropyl Acetate	8.498	43	185918	21.654	ug/l	94
44) Trichloroethene	9.151	130	59752	19.979	ug/l	92
45) 1,2-Dichloropropane	9.428	63	62563	20.739	ug/l	97
46) Dibromomethane	9.516	93	43684	21.417	ug/l	93
47) Bromodichloromethane	9.698	83	87196	21.510	ug/l	98
48) Methyl methacrylate	9.498	41	87723	22.378	ug/l	89
49) 1,4-Dioxane	9.498	88	37189	421.631	ug/l #	97
51) 4-Methyl-2-Pentanone	10.269	43	626666	111.926	ug/l	92
52) Toluene	10.439	92	148251	20.461	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	91248	20.931	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	98814	20.751	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	66259	20.827	ug/l	99
56) Ethyl methacrylate	10.698	69	107112	21.006	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	107525	20.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	248084	110.197	ug/l	95
59) 2-Hexanone	11.022	43	480542	110.968	ug/l	90
60) Dibromochloromethane	11.174	129	64562	21.473	ug/l	99
61) 1,2-Dibromoethane	11.280	107	65114	20.761	ug/l	100
64) Tetrachloroethene	10.910	164	54016	22.247	ug/l	97
65) Chlorobenzene	11.710	112	156164	20.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	59460	20.043	ug/l	99
67) Ethyl Benzene	11.780	91	282791	20.610	ug/l	97
68) m/p-Xylenes	11.892	106	214258	39.812	ug/l	97
69) o-Xylene	12.216	106	109588	20.379	ug/l	98
70) Styrene	12.233	104	176910	20.485	ug/l	99
71) Bromoform	12.398	173	46815	20.929	ug/l #	96
73) Isopropylbenzene	12.516	105	285125	20.928	ug/l	98
74) N-amyl acetate	12.327	43	146890	20.776	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	99941	20.369	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	83881m	19.646	ug/l	
77) Bromobenzene	12.798	156	66221	20.289	ug/l	87
78) n-propylbenzene	12.857	91	319000	21.287	ug/l	97
79) 2-Chlorotoluene	12.945	91	200041	20.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	230604	20.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	32572	20.602	ug/l	93
82) 4-Chlorotoluene	13.039	91	187132	20.382	ug/l	99
83) tert-Butylbenzene	13.257	119	212431	20.726	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	232563	20.864	ug/l	97
85) sec-Butylbenzene	13.439	105	285537	20.884	ug/l	99
86) p-Isopropyltoluene	13.551	119	232033	20.962	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	116680	20.024	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	116594	19.769	ug/l	97
89) n-Butylbenzene	13.880	91	188828	20.891	ug/l	97
90) Hexachloroethane	14.145	117	43476	20.833	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	121649	20.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24263	19.559	ug/l	96
93) 1,2,4-Trichlorobenzene	15.192	180	62051	18.451	ug/l	98
94) Hexachlorobutadiene	15.298	225	29102	19.885	ug/l	99
95) Naphthalene	15.433	128	249759	18.358	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	63291	17.624	ug/l	95

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

