

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074109.D
 Acq On : 25 Aug 2022 13:04
 Operator : JC\MD
 Sample : VN0825WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:58:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	469144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	703585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	633995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	321771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	256583	56.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.300%			
35) Dibromofluoromethane	7.951	113	235096	56.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.000%			
50) Toluene-d8	10.381	98	846561	52.533	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.669	95	292431	54.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	88626	23.825	ug/l	98
3) Chloromethane	2.269	50	84004	20.307	ug/l	99
4) Vinyl Chloride	2.405	62	108981	20.522	ug/l	99
5) Bromomethane	2.805	94	72437	21.843	ug/l	98
6) Chloroethane	2.963	64	73260	19.528	ug/l	96
7) Trichlorofluoromethane	3.310	101	142485	20.799	ug/l	99
8) Diethyl Ether	3.763	74	55557	21.847	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	87416	21.966	ug/l	95
10) Methyl Iodide	4.346	142	64300	13.459	ug/l	96
11) Tert butyl alcohol	5.293	59	104210	101.955	ug/l	100
12) 1,1-Dichloroethene	4.110	96	79934	21.588	ug/l	89
13) Acrolein	3.981	56	56487	78.955	ug/l	97
14) Allyl chloride	4.763	41	123445	22.511	ug/l	97
15) Acrylonitrile	5.475	53	311917	124.996	ug/l	99
16) Acetone	4.222	43	248002	115.039	ug/l	99
17) Carbon Disulfide	4.457	76	200165	22.736	ug/l	98
18) Methyl Acetate	4.775	43	139649	24.628	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	278986	20.921	ug/l	100
20) Methylene Chloride	5.016	84	99997	21.982	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	88289	21.643	ug/l	98
22) Diisopropyl ether	6.410	45	278044	23.914	ug/l	99
23) Vinyl Acetate	6.351	43	1165664	116.993	ug/l	100
24) 1,1-Dichloroethane	6.304	63	167423	23.134	ug/l	97
25) 2-Butanone	7.257	43	415774	121.634	ug/l	100
26) 2,2-Dichloropropane	7.246	77	126932	18.668	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	106420	21.145	ug/l	96
28) Bromochloromethane	7.587	49	63884	23.933	ug/l	96
29) Tetrahydrofuran	7.610	42	268777	122.576	ug/l	99
30) Chloroform	7.745	83	179357	22.163	ug/l	98
31) Cyclohexane	8.022	56	146683	23.027	ug/l	97
32) 1,1,1-Trichloroethane	7.940	97	150089	20.914	ug/l	98
36) 1,1-Dichloropropene	8.151	75	123456	21.361	ug/l	99
37) Ethyl Acetate	7.334	43	155441	22.201	ug/l	98
38) Carbon Tetrachloride	8.134	117	128589	19.465	ug/l	95
39) Methylcyclohexane	9.392	83	151068	20.861	ug/l	98
40) Benzene	8.387	78	401519	22.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	66042	20.872	ug/l	95
42) 1,2-Dichloroethane	8.463	62	134539	21.451	ug/l	99
43) Isopropyl Acetate	8.492	43	207387	20.792	ug/l	96
44) Trichloroethene	9.151	130	102147	19.388	ug/l	98
45) 1,2-Dichloropropane	9.422	63	102153	23.365	ug/l	97
46) Dibromomethane	9.516	93	71532	21.520	ug/l	98
47) Bromodichloromethane	9.698	83	140209	22.069	ug/l	96
48) Methyl methacrylate	9.498	41	96140	22.526	ug/l	93
49) 1,4-Dioxane	9.504	88	55768	439.397	ug/l	98
51) 4-Methyl-2-Pentanone	10.269	43	790592	117.233	ug/l	100
52) Toluene	10.439	92	249951	19.983	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	131245	19.686	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	149705	20.523	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	107134	22.019	ug/l	98
56) Ethyl methacrylate	10.704	69	150083	21.627	ug/l	95
57) 1,3-Dichloropropane	10.986	76	176691	22.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	326740	100.884	ug/l	100
59) 2-Hexanone	11.028	43	605138	116.596	ug/l	99
60) Dibromochloromethane	11.181	129	109638	20.377	ug/l	100
61) 1,2-Dibromoethane	11.286	107	106516	20.468	ug/l	97
64) Tetrachloroethene	10.916	164	92849	18.555	ug/l	96
65) Chlorobenzene	11.710	112	273599	20.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.781	131	101708	19.934	ug/l	100
67) Ethyl Benzene	11.786	91	467188	20.849	ug/l	98
68) m/p-Xylenes	11.892	106	373121	40.982	ug/l	100
69) o-Xylene	12.222	106	180182	19.735	ug/l	98
70) Styrene	12.233	104	296446	20.740	ug/l	98
71) Bromoform	12.398	173	87012	19.101	ug/l #	97
73) Isopropylbenzene	12.516	105	461563	19.699	ug/l	98
74) N-amyl acetate	12.328	43	170305	19.227	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	169869	21.605	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	115177m	17.222	ug/l	
77) Bromobenzene	12.798	156	119104	18.780	ug/l	99
78) n-propylbenzene	12.857	91	529193	21.188	ug/l	99
79) 2-Chlorotoluene	12.945	91	324076	20.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	394204	20.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	44946	19.114	ug/l	96
82) 4-Chlorotoluene	13.045	91	313699	21.221	ug/l	98
83) tert-Butylbenzene	13.263	119	349442	19.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	395776	20.796	ug/l	99
85) sec-Butylbenzene	13.439	105	476720	20.971	ug/l	99
86) p-Isopropyltoluene	13.557	119	401520	20.733	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	217874	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	216064	19.385	ug/l	99
89) n-Butylbenzene	13.880	91	301819	19.676	ug/l	99
90) Hexachloroethane	14.145	117	70403	19.888	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	223977	19.721	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	35463	19.102	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	126517	18.303	ug/l	97
94) Hexachlorobutadiene	15.298	225	68473	18.792	ug/l	98
95) Naphthalene	15.433	128	399705	17.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	132227	18.507	ug/l	99

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

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