

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070511.D
 Acq On : 6 Jan 2022 11:42
 Operator : JC/MD
 Sample : VN0106WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	991021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1592756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1475210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	632665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	713597	50.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.160%			
35) Dibromofluoromethane	8.021	113	532559	55.262	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.520%			
50) Toluene-d8	10.440	98	2165681	55.011	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.728	95	781908	54.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	212895	18.943	ug/l	99
3) Chloromethane	2.303	50	293238	19.181	ug/l	99
4) Vinyl Chloride	2.448	62	266666	19.158	ug/l	97
5) Bromomethane	2.864	94	150397	20.934	ug/l	97
6) Chloroethane	3.025	64	164663	19.644	ug/l	98
7) Trichlorofluoromethane	3.381	101	324720	19.382	ug/l	99
8) Diethyl Ether	3.824	74	149897	20.296	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.213	101	215685	21.049	ug/l	96
10) Methyl Iodide	4.422	142	271384	19.570	ug/l	98
11) Tert butyl alcohol	5.377	59	219611	92.564	ug/l	99
12) 1,1-Dichloroethene	4.183	96	200696	19.884	ug/l	92
13) Acrolein	4.038	56	122326	63.545	ug/l	97
14) Allyl chloride	4.843	41	470425	20.557	ug/l #	84
15) Acrylonitrile	5.551	53	790836	106.818	ug/l	99
16) Acetone	4.285	43	918558	99.306	ug/l	98
17) Carbon Disulfide	4.532	76	511372	18.561	ug/l	100
18) Methyl Acetate	4.856	43	549162	20.524	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	780971	20.836	ug/l	94
20) Methylene Chloride	5.095	84	260518	20.357	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	218394	20.436	ug/l	87
22) Diisopropyl ether	6.495	45	1001879	22.478	ug/l	91
23) Vinyl Acetate	6.433	43	3662158	105.899	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	482389	20.873	ug/l	98
25) 2-Butanone	7.335	43	1207665	103.692	ug/l	91
26) 2,2-Dichloropropane	7.324	77	349086	19.147	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	265469	20.819	ug/l	86
28) Bromochloromethane	7.656	49	235830	20.866	ug/l #	75
29) Tetrahydrofuran	7.683	42	740671	106.590	ug/l	87
30) Chloroform	7.817	83	457851	20.536	ug/l	100
31) Cyclohexane	8.094	56	477696	21.245	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	367118	19.529	ug/l	96
36) 1,1-Dichloropropene	8.220	75	337709	21.183	ug/l	96
37) Ethyl Acetate	7.410	43	446194	21.593	ug/l #	94
38) Carbon Tetrachloride	8.204	117	298776	19.627	ug/l	98
39) Methylcyclohexane	9.459	83	409241	21.204	ug/l	88
40) Benzene	8.458	78	1058701	21.661	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	229086	22.164	ug/l	88
42) 1,2-Dichloroethane	8.528	62	371527	20.224	ug/l	99
43) Isopropyl Acetate	8.560	43	675473	20.733	ug/l #	96
44) Trichloroethene	9.215	130	241409	20.788	ug/l	91
45) 1,2-Dichloropropane	9.488	63	295721	22.472	ug/l	100
46) Dibromomethane	9.574	93	172284	21.054	ug/l	94
47) Bromodichloromethane	9.762	83	345056	21.237	ug/l	99
48) Methyl methacrylate	9.558	41	317026	20.400	ug/l #	81
49) 1,4-Dioxane	9.569	88	99043	435.389	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	2253782	110.092	ug/l	97
52) Toluene	10.502	92	647469	21.886	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	360238	20.480	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	408311	21.459	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	257768	22.022	ug/l	97
56) Ethyl methacrylate	10.759	69	410758	21.238	ug/l	87
57) 1,3-Dichloropropane	11.041	76	453970	21.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	474140	107.382	ug/l	90
59) 2-Hexanone	11.084	43	1630526	109.218	ug/l	96
60) Dibromochloromethane	11.234	129	242538	21.237	ug/l	100
61) 1,2-Dibromoethane	11.344	107	251476	21.159	ug/l	100
64) Tetrachloroethene	10.974	164	221128	20.700	ug/l	95
65) Chlorobenzene	11.768	112	672269	21.478	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	231899	20.753	ug/l	99
67) Ethyl Benzene	11.843	91	1251169	21.816	ug/l	96
68) m/p-Xylenes	11.950	106	931416	44.617	ug/l	94
69) o-Xylene	12.280	106	460336	22.170	ug/l	94
70) Styrene	12.291	104	739228	22.494	ug/l	97
71) Bromoform	12.455	173	175309	21.139	ug/l #	99
73) Isopropylbenzene	12.578	105	1189975	20.254	ug/l	99
74) N-amyl acetate	12.387	43	474499	19.208	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	408082	20.154	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	373996m	21.610	ug/l	
77) Bromobenzene	12.859	156	273778	20.297	ug/l	79
78) n-propylbenzene	12.919	91	1370860	21.059	ug/l	96
79) 2-Chlorotoluene	13.004	91	845234	20.237	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	980676	20.829	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	99855	19.283	ug/l	96
82) 4-Chlorotoluene	13.104	91	804114	20.553	ug/l	92
83) tert-Butylbenzene	13.321	119	849623	20.494	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	949694	20.948	ug/l	100
85) sec-Butylbenzene	13.498	105	1169177	20.773	ug/l	97
86) p-Isopropyltoluene	13.613	119	934553	21.137	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	468153	20.733	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	451672	20.278	ug/l	97
89) n-Butylbenzene	13.940	91	727272	19.721	ug/l	97
90) Hexachloroethane	14.209	117	150346	19.574	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	456540	20.624	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	61658	18.116	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	200045	19.179	ug/l	98
94) Hexachlorobutadiene	15.367	225	134229	22.143	ug/l	97
95) Naphthalene	15.504	128	457135	17.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	187726	19.332	ug/l	98

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

