

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069637.D
 Acq On : 24 Nov 2021 12:49
 Operator : JC/MD
 Sample : VN1124WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 06:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	999357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1622899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1488195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	608288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	801601	55.320	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.640%			
35) Dibromofluoromethane	8.021	113	546548	56.151	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.300%			
50) Toluene-d8	10.441	98	2050691	53.569	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.731	95	735801	52.321	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	178680	16.736	ug/l	97
3) Chloromethane	2.303	50	202216	16.332	ug/l	99
4) Vinyl Chloride	2.448	62	197868	15.960	ug/l	100
5) Bromomethane	2.861	94	121449	15.083	ug/l	98
6) Chloroethane	3.025	64	128274	15.329	ug/l	99
7) Trichlorofluoromethane	3.379	101	295573	15.426	ug/l	97
8) Diethyl Ether	3.824	74	118202	19.067	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	174644	19.349	ug/l	94
10) Methyl Iodide	4.420	142	209341	18.910	ug/l	98
11) Tert butyl alcohol	5.372	59	207762	79.570	ug/l	99
12) 1,1-Dichloroethene	4.183	96	148371	18.318	ug/l	92
13) Acrolein	4.041	56	31065	79.508	ug/l	94
14) Allyl chloride	4.843	41	325658	18.185	ug/l	95
15) Acrylonitrile	5.554	53	624368	93.378	ug/l	99
16) Acetone	4.285	43	709532	90.756	ug/l	96
17) Carbon Disulfide	4.529	76	269417	14.072	ug/l	99
18) Methyl Acetate	4.854	43	459482	18.080	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	667627	19.476	ug/l	98
20) Methylene Chloride	5.098	84	200911	18.123	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	158256	17.493	ug/l	89
22) Diisopropyl ether	6.495	45	766731	19.876	ug/l	96
23) Vinyl Acetate	6.434	43	2851277	95.566	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	377240	19.200	ug/l	99
25) 2-Butanone	7.335	43	940277	88.820	ug/l	91
26) 2,2-Dichloropropane	7.324	77	275427	17.916	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	212411	18.940	ug/l	88
28) Bromochloromethane	7.657	49	255502	25.393	ug/l #	80
29) Tetrahydrofuran	7.686	42	588949	90.656	ug/l	89
30) Chloroform	7.818	83	401722	19.943	ug/l	99
31) Cyclohexane	8.096	56	336200	16.983	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	316223	18.808	ug/l	96
36) 1,1-Dichloropropene	8.220	75	255479	18.709	ug/l	97
37) Ethyl Acetate	7.413	43	365609	19.806	ug/l	95
38) Carbon Tetrachloride	8.206	117	258490	19.607	ug/l	99
39) Methylcyclohexane	9.459	83	296138	17.433	ug/l	90
40) Benzene	8.459	78	812734	19.282	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	180503	18.924	ug/l	92
42) 1,2-Dichloroethane	8.528	62	344523	20.875	ug/l	96
43) Isopropyl Acetate	8.560	43	579350	19.540	ug/l #	93
44) Trichloroethene	9.215	130	196149	19.444	ug/l	91
45) 1,2-Dichloropropane	9.488	63	232468	20.643	ug/l	99
46) Dibromomethane	9.577	93	149995	19.885	ug/l	93
47) Bromodichloromethane	9.762	83	285821	20.306	ug/l	98
48) Methyl methacrylate	9.558	41	284086	20.365	ug/l #	85
49) 1,4-Dioxane	9.569	88	84032	331.154	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	1882415	98.359	ug/l	95
52) Toluene	10.505	92	503357	19.169	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	287969	18.399	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	316371	18.479	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	222103	20.983	ug/l	99
56) Ethyl methacrylate	10.760	69	340891	18.440	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	376331	20.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	327657	80.832	ug/l	93
59) 2-Hexanone	11.084	43	1289584	85.211	ug/l	93
60) Dibromochloromethane	11.237	129	200687	18.856	ug/l	100
61) 1,2-Dibromoethane	11.344	107	214418	18.830	ug/l	99
64) Tetrachloroethene	10.977	164	180100	20.043	ug/l	93
65) Chlorobenzene	11.768	112	552733	19.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	200300	20.847	ug/l	99
67) Ethyl Benzene	11.843	91	994359	19.463	ug/l	96
68) m/p-Xylenes	11.953	106	717204	38.170	ug/l	91
69) o-Xylene	12.280	106	359241	19.178	ug/l	91
70) Styrene	12.294	104	580966	18.269	ug/l	96
71) Bromoform	12.457	173	135681	18.576	ug/l #	99
73) Isopropylbenzene	12.578	105	953301	19.683	ug/l	99
74) N-amyl acetate	12.388	43	362573	17.665	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	332998	20.386	ug/l	100
76) 1,2,3-Trichloropropane	12.878	75	277460m	19.765	ug/l	
77) Bromobenzene	12.860	156	223961	20.219	ug/l	81
78) n-propylbenzene	12.921	91	1073197	19.693	ug/l	96
79) 2-Chlorotoluene	13.007	91	670829	19.881	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	786342	20.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	63800	17.750	ug/l #	81
82) 4-Chlorotoluene	13.106	91	640056	19.898	ug/l	93
83) tert-Butylbenzene	13.324	119	688396	20.063	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	755040	19.975	ug/l	98
85) sec-Butylbenzene	13.501	105	949846	19.817	ug/l	97
86) p-Isopropyltoluene	13.616	119	742735	19.521	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	382105	19.897	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	367327	19.498	ug/l	96
89) n-Butylbenzene	13.943	91	578011	18.217	ug/l	97
90) Hexachloroethane	14.209	117	120604	18.661	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	373799	20.456	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50180	17.726	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	148800	17.687	ug/l	98
94) Hexachlorobutadiene	15.367	225	104341	21.975	ug/l	99
95) Naphthalene	15.507	128	337100	15.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	146435	18.149	ug/l	99

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

