

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069422.D
 Acq On : 9 Nov 2021 16:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110921

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Quant Time: Nov 10 16:15:22 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	8.083	168	1114834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1877439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1807301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	822550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	800414	49.517	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.040%		
35) Dibromofluoromethane	8.021	113	567817	50.427	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.860%		
50) Toluene-d8	10.440	98	2282121	51.532	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.731	95	843466	51.845	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	604007	50.713	ug/l	99
3) Chloromethane	2.303	50	659852	47.771	ug/l	99
4) Vinyl Chloride	2.448	62	664760	48.065	ug/l	99
5) Bromomethane	2.842	94	427955	47.645	ug/l	98
6) Chloroethane	3.014	64	440390	47.175	ug/l	100
7) Trichlorofluoromethane	3.373	101	1036827	48.506	ug/l	97
8) Diethyl Ether	3.824	74	347400	50.233	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	511926	50.842	ug/l	94
10) Methyl Iodide	4.419	142	615078	49.805	ug/l #	92
11) Tert butyl alcohol	5.382	59	631597	216.837	ug/l	99
12) 1,1-Dichloroethene	4.178	96	459896	50.898	ug/l	88
13) Acrolein	4.036	56	92288	223.029	ug/l	96
14) Allyl chloride	4.838	41	1016992	50.908	ug/l	97
15) Acrylonitrile	5.554	53	1805708	242.080	ug/l	99
16) Acetone	4.285	43	2106226	241.500	ug/l	97
17) Carbon Disulfide	4.527	76	1103507	51.666	ug/l	99
18) Methyl Acetate	4.854	43	1315288	46.394	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1954718	51.117	ug/l	98
20) Methylene Chloride	5.093	84	582497	47.100	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	507539	50.290	ug/l	90
22) Diisopropyl ether	6.495	45	2233655	51.906	ug/l	96
23) Vinyl Acetate	6.434	43	8739795	262.588	ug/l	96
24) 1,1-Dichloroethane	6.388	63	1105376	50.431	ug/l	98
25) 2-Butanone	7.335	43	2818500	238.663	ug/l	92
26) 2,2-Dichloropropane	7.324	77	927393	54.078	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	643635	51.447	ug/l	88
28) Bromochloromethane	7.657	49	593713	52.894	ug/l #	82
29) Tetrahydrofuran	7.683	42	1755259	242.197	ug/l	90
30) Chloroform	7.817	83	1153592	51.338	ug/l	99
31) Cyclohexane	8.094	56	1057146	47.870	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	988691	52.712	ug/l	96
36) 1,1-Dichloropropene	8.220	75	823846	52.151	ug/l	97
37) Ethyl Acetate	7.413	43	1087487	50.925	ug/l	95
38) Carbon Tetrachloride	8.206	117	807357	52.936	ug/l	99
39) Methylcyclohexane	9.459	83	1053338	53.600	ug/l	92
40) Benzene	8.458	78	2499897	51.268	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	539705	48.912	ug/l	91
42) 1,2-Dichloroethane	8.528	62	980266	51.342	ug/l	98
43) Isopropyl Acetate	8.560	43	1757587	51.241	ug/l	95
44) Trichloroethene	9.215	130	610810	52.340	ug/l	93
45) 1,2-Dichloropropane	9.491	63	690118	52.973	ug/l	99
46) Dibromomethane	9.577	93	445064	51.004	ug/l	92
47) Bromodichloromethane	9.762	83	887224	54.487	ug/l	99
48) Methyl methacrylate	9.561	41	803139	49.768	ug/l	89
49) 1,4-Dioxane	9.569	88	283522	890.965	ug/l #	88
51) 4-Methyl-2-Pentanone	10.331	43	5656128	255.471	ug/l	95
52) Toluene	10.505	92	1630103	53.661	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	972350	48.643	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1039305	49.288	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	652009	53.245	ug/l	98
56) Ethyl methacrylate	10.760	69	1105832	48.005	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1120604	52.078	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1282309	219.193	ug/l	92
59) 2-Hexanone	11.084	43	4187853	224.850	ug/l	94
60) Dibromochloromethane	11.240	129	650512	48.478	ug/l	100
61) 1,2-Dibromoethane	11.347	107	674454	49.360	ug/l	99
64) Tetrachloroethene	10.977	164	557988	51.132	ug/l	94
65) Chlorobenzene	11.771	112	1739295	51.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	634726	54.398	ug/l	99
67) Ethyl Benzene	11.846	91	3272562	52.747	ug/l	96
68) m/p-Xylenes	11.953	106	2442144	107.024	ug/l	94
69) o-Xylene	12.280	106	1221231	53.684	ug/l	95
70) Styrene	12.294	104	2011092	49.261	ug/l	97
71) Bromoform	12.460	173	467399	46.398	ug/l #	100
73) Isopropylbenzene	12.581	105	3249939	49.623	ug/l	98
74) N-amyl acetate	12.388	43	1417464	51.070	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1021240	46.234	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1057158m	55.691	ug/l	
77) Bromobenzene	12.862	156	726967	48.535	ug/l	81
78) n-propylbenzene	12.921	91	3785340	51.366	ug/l	97
79) 2-Chlorotoluene	13.007	91	2254022	49.399	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2677323	50.568	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	286022	45.447	ug/l	96
82) 4-Chlorotoluene	13.106	91	2188667	50.318	ug/l	94
83) tert-Butylbenzene	13.324	119	2342832	50.496	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2626372	51.384	ug/l	98
85) sec-Butylbenzene	13.503	105	3364032	51.904	ug/l	98
86) p-Isopropyltoluene	13.616	119	2726704	52.996	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1327959	51.138	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	1294648	50.820	ug/l	97
89) n-Butylbenzene	13.943	91	2341373	54.570	ug/l	98
90) Hexachloroethane	14.211	117	449427	47.630	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1274834	51.591	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	180523	44.175	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	624878	48.371	ug/l	98
94) Hexachlorobutadiene	15.370	225	348552	54.287	ug/l	99
95) Naphthalene	15.507	128	1603456	44.455	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	582876	47.264	ug/l	98

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

