

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070312.D
 Acq On : 27 Dec 2021 14:14
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 27 14:31:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 13:42:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1226271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2038894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1993328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	856746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	2568977	144.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 288.40%#			
35) Dibromofluoromethane	8.019	113	1814967	146.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 292.18%#			
50) Toluene-d8	10.440	98	7433446	146.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 292.74%#			
62) 4-Bromofluorobenzene	12.731	95	2929192	160.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 321.72%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	2006156	144.24	ug/l	100
3) Chloromethane	2.298	50	2471706	129.99	ug/l	99
4) Vinyl Chloride	2.445	62	2320598	133.84	ug/l	98
5) Bromomethane	2.818	94	953639	106.51	ug/l	99
6) Chloroethane	2.985	64	1340061	128.40	ug/l	97
7) Trichlorofluoromethane	3.360	101	2789954	133.83	ug/l	98
8) Diethyl Ether	3.819	74	1240372	134.72	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.199	101	1740669	136.98	ug/l	96
10) Methyl Iodide	4.411	142	2477803	142.41	ug/l	100
11) Tert butyl alcohol	5.393	59	2195132	730.95	ug/l	99
12) 1,1-Dichloroethene	4.170	96	1694063	134.59	ug/l	89
13) Acrolein	4.036	56	1548150	639.46	ug/l	99
14) Allyl chloride	4.830	41	3968559	138.97	ug/l	90
15) Acrylonitrile	5.551	53	6285565	675.41	ug/l	99
16) Acetone	4.283	43	7276185	628.25	ug/l	99
17) Carbon Disulfide	4.519	76	4902010	142.80	ug/l	99
18) Methyl Acetate	4.849	43	4295711	128.00	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	6528941	139.66	ug/l	95
20) Methylene Chloride	5.087	84	2056293	129.10	ug/l	87
21) trans-1,2-Dichloroethene	5.589	96	1815516	136.37	ug/l	85
22) Diisopropyl ether	6.493	45	7655744	137.97	ug/l	92
23) Vinyl Acetate	6.426	43	30368076m	704.40	ug/l	
24) 1,1-Dichloroethane	6.380	63	3905186	135.62	ug/l	98
25) 2-Butanone	7.332	43	9781396	669.03	ug/l	93
26) 2,2-Dichloropropane	7.321	77	3299201	145.86	ug/l	96
27) cis-1,2-Dichloroethene	7.321	96	2208893	139.04	ug/l	86
28) Bromochloromethane	7.654	49	2024346	144.92	ug/l #	78
29) Tetrahydrofuran	7.681	42	5909301	676.65	ug/l	88
30) Chloroform	7.815	83	3771786	135.80	ug/l	99
31) Cyclohexane	8.091	56	3783093	135.27	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	3298349	140.70	ug/l	97
36) 1,1-Dichloropropene	8.220	75	2951274	144.39	ug/l	96
37) Ethyl Acetate	7.410	43	3584163	133.85	ug/l	97
38) Carbon Tetrachloride	8.204	117	2785405	142.32	ug/l	99
39) Methylcyclohexane	9.456	83	3733127	151.65	ug/l	90
40) Benzene	8.456	78	8621935	137.28	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	1909990	142.13	ug/l	88
42) 1,2-Dichloroethane	8.528	62	3243748	137.33	ug/l	98
43) Isopropyl Acetate	8.560	43	6040896	143.72	ug/l #	95
44) Trichloroethene	9.215	130	2120365	142.54	ug/l	91
45) 1,2-Dichloropropane	9.488	63	2346942	138.81	ug/l	100
46) Dibromomethane	9.574	93	1465458	139.47	ug/l	93
47) Bromodichloromethane	9.759	83	3056977	146.36	ug/l	100
48) Methyl methacrylate	9.558	41	3047587	153.12	ug/l #	80
49) 1,4-Dioxane	9.569	88	875878	2977.37	ug/l #	85
51) 4-Methyl-2-Pentanone	10.325	43	17973038m	788.48	ug/l	
52) Toluene	10.505	92	5450081	143.37	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	3634037	160.67	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	3790095	155.08	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	2123676	140.85	ug/l	97
56) Ethyl methacrylate	10.760	69	3957540	158.43	ug/l	90
57) 1,3-Dichloropropane	11.044	76	3779077	141.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	5034603	967.36	ug/l	91
59) 2-Hexanone	11.084	43	13781134	715.49	ug/l	96
60) Dibromochloromethane	11.237	129	2290419	155.72	ug/l	99
61) 1,2-Dibromoethane	11.344	107	2257797	147.25	ug/l	100
64) Tetrachloroethene	10.977	164	1861336	128.97	ug/l	96
65) Chlorobenzene	11.768	112	5892145	138.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	2101677	138.62	ug/l	99
67) Ethyl Benzene	11.843	91	10902003	140.41	ug/l	98
68) m/p-Xylenes	11.950	106	8232104	291.81	ug/l	96
69) o-Xylene	12.278	106	4155453	147.99	ug/l	93
70) Styrene	12.294	104	6955468	156.87	ug/l	96
71) Bromoform	12.457	173	1691318	150.33	ug/l #	99
73) Isopropylbenzene	12.578	105	10837359	135.15	ug/l	99
74) N-amyl acetate	12.388	43	4744156	140.14	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	3060357	113.40	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	2910250m	111.47	ug/l	
77) Bromobenzene	12.860	156	2405700	130.71	ug/l	79
78) n-propylbenzene	12.919	91	12684981	143.20	ug/l	98
79) 2-Chlorotoluene	13.007	91	7557279	132.85	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	8827763	137.77	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	1075261	151.17	ug/l	94
82) 4-Chlorotoluene	13.104	91	7403273	139.12	ug/l	93
83) tert-Butylbenzene	13.324	119	7641789	135.18	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	8516341	138.05	ug/l	98
85) sec-Butylbenzene	13.501	105	10873346	141.97	ug/l	98
86) p-Isopropyltoluene	13.616	119	8768093	145.94	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	4155034	135.41	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	4102663	137.38	ug/l	97
89) n-Butylbenzene	13.940	91	7797013	155.77	ug/l	97
90) Hexachloroethane	14.209	117	1508666	143.76	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	3911222	129.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	643964	137.19	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	2201560	155.24	ug/l	98
94) Hexachlorobutadiene	15.370	225	1072310	130.44	ug/l	99
95) Naphthalene	15.504	128	5890216	150.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	2028089	145.77	ug/l	98

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

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