

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069703.D
 Acq On : 2 Dec 2021 18:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 03 07:49:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1080006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1707697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	732447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	885034	54.441	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.880%			
35) Dibromofluoromethane	8.024	113	607943	54.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.200%			
50) Toluene-d8	10.443	98	2448696	55.977	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.960%			
62) 4-Bromofluorobenzene	12.731	95	882455	55.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	715344	60.070	ug/l	100
3) Chloromethane	2.303	50	832162	59.387	ug/l	100
4) Vinyl Chloride	2.445	62	785287	57.070	ug/l	98
5) Bromomethane	2.837	94	427780	48.682	ug/l	98
6) Chloroethane	3.009	64	474516	51.892	ug/l	98
7) Trichlorofluoromethane	3.368	101	1019790	49.436	ug/l	99
8) Diethyl Ether	3.821	74	396334	57.141	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.202	101	571088	56.895	ug/l	96
10) Methyl Iodide	4.414	142	824899	64.146	ug/l	97
11) Tert butyl alcohol	5.390	59	859072	290.682	ug/l	99
12) 1,1-Dichloroethene	4.175	96	550361	60.359	ug/l	89
13) Acrolein	4.038	56	677633	745.768	ug/l	100
14) Allyl chloride	4.838	41	1245888	61.474	ug/l	94
15) Acrylonitrile	5.556	53	2327052	307.822	ug/l	99
16) Acetone	4.291	43	2742081	309.496	ug/l	96
17) Carbon Disulfide	4.524	76	1456804	65.970	ug/l	99
18) Methyl Acetate	4.856	43	1596384	56.335	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	2165984	56.936	ug/l	95
20) Methylene Chloride	5.092	84	677816	54.828	ug/l #	87
21) trans-1,2-Dichloroethene	5.594	96	598906	58.956	ug/l	88
22) Diisopropyl ether	6.498	45	2493236	58.032	ug/l	95
23) Vinyl Acetate	6.436	43	10478714	311.645	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1266716	57.739	ug/l	98
25) 2-Butanone	7.337	43	3768104	313.863	ug/l	93
26) 2,2-Dichloropropane	7.327	77	977252	57.535	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	730299	58.332	ug/l	88
28) Bromochloromethane	7.656	49	650660	57.602	ug/l #	81
29) Tetrahydrofuran	7.686	42	2318039	315.784	ug/l	89
30) Chloroform	7.820	83	1276843	57.059	ug/l	99
31) Cyclohexane	8.094	56	1221435	54.893	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	1115736	59.502	ug/l	96
36) 1,1-Dichloropropene	8.222	75	942263	60.240	ug/l	96
37) Ethyl Acetate	7.415	43	1403931	65.335	ug/l	95
38) Carbon Tetrachloride	8.206	117	928105	61.323	ug/l	100
39) Methylcyclohexane	9.461	83	1143049	59.271	ug/l	90
40) Benzene	8.461	78	2854855	59.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	676797	61.000	ug/l	89
42) 1,2-Dichloroethane	8.531	62	1139609	60.030	ug/l	97
43) Isopropyl Acetate	8.563	43	2087633	61.281	ug/l #	94
44) Trichloroethene	9.217	130	686296	59.388	ug/l	93
45) 1,2-Dichloropropane	9.491	63	761899	59.249	ug/l	100
46) Dibromomethane	9.577	93	504439	58.648	ug/l	94
47) Bromodichloromethane	9.762	83	980588	61.089	ug/l	100
48) Methyl methacrylate	9.561	41	978967	61.571	ug/l	87
49) 1,4-Dioxane	9.571	88	352810	1234.117	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	7069389	320.405	ug/l	95
52) Toluene	10.507	92	1778758	59.540	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1071691	63.623	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	1158158	63.008	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	710168	59.061	ug/l	97
56) Ethyl methacrylate	10.762	69	1252886	62.437	ug/l #	87
57) 1,3-Dichloropropane	11.046	76	1252432	59.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1601061	336.283	ug/l	92
59) 2-Hexanone	11.087	43	5333365	323.883	ug/l	93
60) Dibromochloromethane	11.240	129	712698	63.039	ug/l	100
61) 1,2-Dibromoethane	11.347	107	748812	61.266	ug/l	100
64) Tetrachloroethene	10.979	164	627282	58.913	ug/l	95
65) Chlorobenzene	11.771	112	1883629	57.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	687772	60.651	ug/l	99
67) Ethyl Benzene	11.846	91	3544015	58.860	ug/l	96
68) m/p-Xylenes	11.953	106	2593683	117.578	ug/l	93
69) o-Xylene	12.283	106	1299249	59.029	ug/l	93
70) Styrene	12.294	104	2123410	60.027	ug/l	96
71) Bromoform	12.460	173	531324	65.077	ug/l #	99
73) Isopropylbenzene	12.581	105	3413575	56.944	ug/l	98
74) N-amyl acetate	12.387	43	1579313	61.578	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1161394	57.168	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1106327m	58.374	ug/l	
77) Bromobenzene	12.862	156	789475	57.337	ug/l	79
78) n-propylbenzene	12.921	91	3914375	58.016	ug/l	96
79) 2-Chlorotoluene	13.010	91	2385681	56.966	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2801925	57.760	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	332946	62.511	ug/l	94
82) 4-Chlorotoluene	13.106	91	2281756	57.221	ug/l	93
83) tert-Butylbenzene	13.323	119	2466135	58.048	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2739851	58.566	ug/l	98
85) sec-Butylbenzene	13.503	105	3426257	57.924	ug/l	97
86) p-Isopropyltoluene	13.616	119	2714262	57.961	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1339761	56.662	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1287449	55.618	ug/l	97
89) n-Butylbenzene	13.943	91	2230375	57.395	ug/l	98
90) Hexachloroethane	14.211	117	482261	62.026	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1295914	57.485	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	221544	66.425	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	601065	60.849	ug/l	98
94) Hexachlorobutadiene	15.370	225	352287	59.963	ug/l	100
95) Naphthalene	15.507	128	1734728	64.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	596267	62.544	ug/l	99

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

