

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069247.D
 Acq On : 28 Oct 2021 12:08
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 28 12:52:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 12:47:56 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/01/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	269242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	470482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	453739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	207214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	393989	106.708	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 213.420%#			
35) Dibromofluoromethane	8.021	113	296192	104.499	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 209.000%#			
50) Toluene-d8	10.443	98	1196930	105.808	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 211.620%#			
62) 4-Bromofluorobenzene	12.733	95	477484	111.712	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 223.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	315126	107.499	ug/l	99
3) Chloromethane	2.301	50	321542	98.507	ug/l	99
4) Vinyl Chloride	2.440	62	384683	113.576	ug/l	100
5) Bromomethane	2.818	94	215348	111.208	ug/l	99
6) Chloroethane	2.990	64	239704	117.528	ug/l	99
7) Trichlorofluoromethane	3.360	101	492146	104.896	ug/l	100
8) Diethyl Ether	3.824	74	175052	100.594	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.207	101	262397	103.980	ug/l	98
10) Methyl Iodide	4.419	142	373229	103.251	ug/l	96
11) Tert butyl alcohol	5.374	59	370288	556.066	ug/l	100
12) 1,1-Dichloroethene	4.181	96	253951	97.938	ug/l	99
13) Acrolein	4.038	56	88430	326.330	ug/l	99
14) Allyl chloride	4.838	41	454064	99.221	ug/l	96
15) Acrylonitrile	5.551	53	873737	587.931	ug/l	98
16) Acetone	4.282	43	842529	610.331	ug/l	99
17) Carbon Disulfide	4.529	76	678588	98.339	ug/l	100
18) Methyl Acetate	4.851	43	580967	113.152	ug/l	97
19) Methyl tert-butyl Ether	5.615	73	1019154	105.499	ug/l	99
20) Methylene Chloride	5.092	84	305594	100.454	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	282023	100.939	ug/l	99
22) Diisopropyl ether	6.495	45	990442	103.458	ug/l	99
23) Vinyl Acetate	6.433	43	3936791	540.375	ug/l	99
24) 1,1-Dichloroethane	6.388	63	542526	103.200	ug/l	99
25) 2-Butanone	7.335	43	1256480	607.965	ug/l	98
26) 2,2-Dichloropropane	7.327	77	499676	100.578	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	342099	100.900	ug/l	99
28) Bromochloromethane	7.659	49	268984	110.908	ug/l	96
29) Tetrahydrofuran	7.681	42	811011	607.642	ug/l	97
30) Chloroform	7.817	83	595936	107.022	ug/l	99
31) Cyclohexane	8.096	56	503043	92.079	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	539952	104.435	ug/l	99
36) 1,1-Dichloropropene	8.222	75	427558	106.589	ug/l	99
37) Ethyl Acetate	7.410	43	482474	114.002	ug/l	99
38) Carbon Tetrachloride	8.206	117	459893	104.859	ug/l	99
39) Methylcyclohexane	9.461	83	535487	104.494	ug/l	96
40) Benzene	8.461	78	1278418	104.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	235539	112.606	ug/l	94
42) 1,2-Dichloroethane	8.531	62	482216	110.631	ug/l	99
43) Isopropyl Acetate	8.560	43	796433	108.867	ug/l	99
44) Trichloroethene	9.217	130	320103	105.013	ug/l	100
45) 1,2-Dichloropropane	9.491	63	328378	104.074	ug/l	97
46) Dibromomethane	9.577	93	238041	109.417	ug/l	99
47) Bromodichloromethane	9.762	83	471776	106.062	ug/l	99
48) Methyl methacrylate	9.561	41	384699	113.097	ug/l	96
49) 1,4-Dioxane	9.569	88	168216	2734.281	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	2593366	599.668	ug/l	99
52) Toluene	10.505	92	854461	108.866	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	536470	106.743	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	558185	106.670	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	340429	109.214	ug/l	99
56) Ethyl methacrylate	10.762	69	583764	111.717	ug/l	98
57) 1,3-Dichloropropane	11.046	76	571831	111.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	817361	629.194	ug/l	99
59) 2-Hexanone	11.087	43	1992367	635.109	ug/l	99
60) Dibromochloromethane	11.240	129	367117	106.125	ug/l	99
61) 1,2-Dibromoethane	11.347	107	366407	114.341	ug/l	100
64) Tetrachloroethene	10.979	164	283212	98.178	ug/l	98
65) Chlorobenzene	11.771	112	918458	106.796	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	344573	103.162	ug/l	99
67) Ethyl Benzene	11.846	91	1715283	107.583	ug/l	99
68) m/p-Xylenes	11.956	106	1298313	214.947	ug/l	100
69) o-Xylene	12.283	106	651753	107.745	ug/l	99
70) Styrene	12.296	104	1103436	111.906	ug/l	100
71) Bromoform	12.460	173	283289	107.090	ug/l #	99
73) Isopropylbenzene	12.581	105	1735409	100.960	ug/l	100
74) N-amyl acetate	12.387	43	699181	107.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	549474	108.615	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	540805m	118.989	ug/l	
77) Bromobenzene	12.862	156	393677	103.404	ug/l	99
78) n-propylbenzene	12.921	91	1981147	102.631	ug/l	100
79) 2-Chlorotoluene	13.010	91	1210605	101.564	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1437566	100.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	187419	103.205	ug/l	95
82) 4-Chlorotoluene	13.106	91	1201096	104.269	ug/l	100
83) tert-Butylbenzene	13.326	119	1253511	100.661	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1400390	101.500	ug/l	99
85) sec-Butylbenzene	13.503	105	1778301	102.927	ug/l	100
86) p-Isopropyltoluene	13.618	119	1443627	104.294	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	701662	106.324	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	682012	104.488	ug/l	99
89) n-Butylbenzene	13.943	91	1221227	106.464	ug/l	100
90) Hexachloroethane	14.211	117	274452	96.464	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	665436	103.892	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	112813	115.909	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	328420	116.524	ug/l	99
94) Hexachlorobutadiene	15.372	225	168064	94.146	ug/l	99
95) Naphthalene	15.507	128	1010723	134.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	318941	118.615	ug/l	99

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

