

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070662.D
 Acq On : 18 Jan 2022 11:18
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 18 12:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 12:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	840043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1402159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1270154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	450651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	59406	4.923	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.840%#		
35) Dibromofluoromethane	8.019	113	42092	4.935	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.880%#		
50) Toluene-d8	10.440	98	177690	5.063	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.120%#		
62) 4-Bromofluorobenzene	12.728	95	58427	4.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	48727	5.169	ug/l	99
3) Chloromethane	2.303	50	71807	5.480	ug/l	99
4) Vinyl Chloride	2.448	62	67099	5.567	ug/l	100
5) Bromomethane	2.840	94	39222	6.362	ug/l	98
6) Chloroethane	3.011	64	39699	5.463	ug/l	98
7) Trichlorofluoromethane	3.376	101	77610	5.419	ug/l	98
8) Diethyl Ether	3.827	74	30614	4.861	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.202	101	43387	4.999	ug/l	95
10) Methyl Iodide	4.425	142	51045	4.363	ug/l	99
11) Tert butyl alcohol	5.380	59	52193	25.742	ug/l #	85
12) 1,1-Dichloroethene	4.181	96	42440	4.955	ug/l	94
13) Acrolein	4.039	56	72745	38.527	ug/l	97
14) Allyl chloride	4.838	41	95844	4.898	ug/l #	83
15) Acrylonitrile	5.557	53	162841	25.504	ug/l	99
16) Acetone	4.288	43	170981	21.749	ug/l	96
17) Carbon Disulfide	4.524	76	115461	4.898	ug/l	99
18) Methyl Acetate	4.857	43	80599	3.737	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	156846	4.912	ug/l	95
20) Methylene Chloride	5.095	84	53991	4.965	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	45039	4.955	ug/l	90
22) Diisopropyl ether	6.495	45	193126	5.059	ug/l	95
23) Vinyl Acetate	6.431	43	775199m	25.780	ug/l	
24) 1,1-Dichloroethane	6.383	63	96042	4.885	ug/l	97
25) 2-Butanone	7.337	43	243318	24.404	ug/l	90
26) 2,2-Dichloropropane	7.324	77	70620	4.585	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	54141	5.007	ug/l	85
28) Bromochloromethane	7.654	49	44321	4.700	ug/l #	76
29) Tetrahydrofuran	7.686	42	151667	25.376	ug/l #	86
30) Chloroform	7.817	83	107662	5.696	ug/l	97
31) Cyclohexane	8.091	56	114253	5.914	ug/l #	85
32) 1,1,1-Trichloroethane	8.016	97	73198	4.624	ug/l	97
36) 1,1-Dichloropropene	8.217	75	67535	4.788	ug/l	96
37) Ethyl Acetate	7.415	43	90628	4.919	ug/l	97
38) Carbon Tetrachloride	8.209	117	60908	4.570	ug/l	97
39) Methylcyclohexane	9.456	83	83031	4.835	ug/l	86
40) Benzene	8.458	78	219643	5.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	45444	4.968	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	76169	4.728	ug/l	99
43) Isopropyl Acetate	8.560	43	136549	4.725	ug/l #	95
44) Trichloroethene	9.215	130	48472	4.729	ug/l	90
45) 1,2-Dichloropropane	9.488	63	58420	4.998	ug/l	97
46) Dibromomethane	9.574	93	34407	4.774	ug/l	93
47) Bromodichloromethane	9.759	83	65165	4.563	ug/l	96
48) Methyl methacrylate	9.561	41	58825	4.286	ug/l #	84
49) 1,4-Dioxane	9.574	88	18790	92.309	ug/l #	76
51) 4-Methyl-2-Pentanone	10.330	43	437494	24.047	ug/l	96
52) Toluene	10.505	92	126839	4.845	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	66409	4.280	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	75669	4.489	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	51065	4.937	ug/l	96
56) Ethyl methacrylate	10.760	69	77201	4.490	ug/l	87
57) 1,3-Dichloropropane	11.041	76	89714	4.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	79978	21.721	ug/l	90
59) 2-Hexanone	11.084	43	298905	22.497	ug/l	95
60) Dibromochloromethane	11.237	129	42085	4.200	ug/l	96
61) 1,2-Dibromoethane	11.344	107	48996	4.668	ug/l	99
64) Tetrachloroethene	10.977	164	46465	5.036	ug/l	95
65) Chlorobenzene	11.768	112	132213	4.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	44907	4.675	ug/l	99
67) Ethyl Benzene	11.843	91	237190	4.784	ug/l	94
68) m/p-Xylenes	11.953	106	173670	9.616	ug/l	94
69) o-Xylene	12.280	106	85676	4.777	ug/l	94
70) Styrene	12.294	104	128855	4.530	ug/l	96
71) Bromoform	12.455	173	30852	4.335	ug/l #	100
73) Isopropylbenzene	12.578	105	215612	5.165	ug/l	98
74) N-amyl acetate	12.388	43	76548	4.336	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	73895	5.246	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	62891m	4.713	ug/l	
77) Bromobenzene	12.857	156	47596	4.976	ug/l	71
78) n-propylbenzene	12.919	91	225024	4.843	ug/l	95
79) 2-Chlorotoluene	13.007	91	150930	5.074	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	168483	5.028	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	16038	4.328	ug/l	91
82) 4-Chlorotoluene	13.104	91	137544	4.921	ug/l	91
83) tert-Butylbenzene	13.321	119	148784	5.039	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	161303	4.996	ug/l	99
85) sec-Butylbenzene	13.501	105	199610	4.975	ug/l	95
86) p-Isopropyltoluene	13.613	119	148924	4.722	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	76430	4.750	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	76076	4.789	ug/l	89
89) n-Butylbenzene	13.940	91	114014	4.329	ug/l	97
90) Hexachloroethane	14.209	117	26470	4.853	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	75492	4.788	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	10558	4.356	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	25684	3.433	ug/l	96
94) Hexachlorobutadiene	15.370	225	22596	5.154	ug/l	99
95) Naphthalene	15.507	128	54013	2.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	24621	3.371	ug/l	98

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

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