

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070952.D
 Acq On : 15 Feb 2022 16:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN021522

Quant Time: Feb 16 11:40:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	766835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1185215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1084067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	514522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	434537	49.606	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.220%			
35) Dibromofluoromethane	8.016	113	355286	50.398	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.800%			
50) Toluene-d8	10.433	98	1430103	50.514	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.721	95	507635	50.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	389598	48.916	ug/l	100
3) Chloromethane	2.299	50	474440	47.392	ug/l	99
4) Vinyl Chloride	2.446	62	480704	47.967	ug/l	100
5) Bromomethane	2.857	94	301574	52.973	ug/l	99
6) Chloroethane	3.022	64	300142	45.652	ug/l	99
7) Trichlorofluoromethane	3.375	101	598321	47.641	ug/l	97
8) Diethyl Ether	3.816	74	256211	46.928	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	376353	48.843	ug/l	97
10) Methyl Iodide	4.416	142	524759	49.173	ug/l	97
11) Tert butyl alcohol	5.369	59	398638	249.711	ug/l	98
12) 1,1-Dichloroethene	4.175	96	363540	48.425	ug/l	98
13) Acrolein	4.034	56	329091	230.697	ug/l	100
14) Allyl chloride	4.834	41	682902	47.696	ug/l	88
15) Acrylonitrile	5.545	53	1191252	253.336	ug/l	98
16) Acetone	4.281	43	1316008	272.795	ug/l	96
17) Carbon Disulfide	4.522	76	1026172	47.665	ug/l	100
18) Methyl Acetate	4.846	43	527016	49.891	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1341775	50.951	ug/l	98
20) Methylene Chloride	5.087	84	420669	47.981	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	394794	48.996	ug/l	95
22) Diisopropyl ether	6.492	45	1390041	50.620	ug/l	93
23) Vinyl Acetate	6.428	43	6008234	258.469	ug/l	99
24) 1,1-Dichloroethane	6.381	63	755292	49.065	ug/l	99
25) 2-Butanone	7.328	43	1705839	265.810	ug/l	99
26) 2,2-Dichloropropane	7.316	77	649096	50.735	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	460784	49.755	ug/l	96
28) Bromochloromethane	7.651	49	319064	51.210	ug/l	92
29) Tetrahydrofuran	7.681	42	1051750	252.984	ug/l	97
30) Chloroform	7.810	83	738317	48.765	ug/l	98
31) Cyclohexane	8.086	56	738358	48.738	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	652654	49.917	ug/l	98
36) 1,1-Dichloropropene	8.216	75	579434	50.169	ug/l	98
37) Ethyl Acetate	7.404	43	649785	52.458	ug/l	99
38) Carbon Tetrachloride	8.198	117	567275	49.849	ug/l	98
39) Methylcyclohexane	9.451	83	762923	51.335	ug/l	99
40) Benzene	8.451	78	1694765	49.607	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	352284	54.000	ug/l #	85
42) 1,2-Dichloroethane	8.522	62	573199	49.263	ug/l	97
43) Isopropyl Acetate	8.557	43	1032729	52.895	ug/l	99
44) Trichloroethene	9.210	130	450981	50.129	ug/l	96
45) 1,2-Dichloropropane	9.480	63	439463	50.217	ug/l	99
46) Dibromomethane	9.569	93	285207	49.523	ug/l	98
47) Bromodichloromethane	9.757	83	578384	49.692	ug/l	99
48) Methyl methacrylate	9.551	41	491341	53.167	ug/l #	85
49) 1,4-Dioxane	9.563	88	158257	964.165	ug/l	94
51) 4-Methyl-2-Pentanone	10.322	43	3117478	262.437	ug/l	96
52) Toluene	10.498	92	1085217	50.551	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	665659	52.595	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	723807	52.075	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	416898	49.613	ug/l	97
56) Ethyl methacrylate	10.757	69	685512	54.144	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	737733	50.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	575143	210.045	ug/l	98
59) 2-Hexanone	11.080	43	2254346	275.936	ug/l	96
60) Dibromochloromethane	11.233	129	457155	51.478	ug/l	100
61) 1,2-Dibromoethane	11.339	107	432137	50.559	ug/l	100
64) Tetrachloroethene	10.969	164	399976	47.375	ug/l	99
65) Chlorobenzene	11.763	112	1155343	49.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	432356	50.775	ug/l	100
67) Ethyl Benzene	11.839	91	2092537	51.181	ug/l	99
68) m/p-Xylenes	11.945	106	1620834	102.632	ug/l	100
69) o-Xylene	12.274	106	791233	51.288	ug/l	99
70) Styrene	12.286	104	1294016	52.752	ug/l	98
71) Bromoform	12.451	173	353086	52.065	ug/l #	100
73) Isopropylbenzene	12.569	105	2064817	49.857	ug/l	100
74) N-amyl acetate	12.380	43	728874	55.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	641576	48.750	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	524225m	43.272	ug/l	
77) Bromobenzene	12.857	156	495813	48.905	ug/l	91
78) n-propylbenzene	12.916	91	2383489	51.223	ug/l	99
79) 2-Chlorotoluene	12.998	91	1400558	49.564	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	1702645	50.746	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	196647	52.600	ug/l	87
82) 4-Chlorotoluene	13.098	91	1386757	50.556	ug/l	96
83) tert-Butylbenzene	13.316	119	1566992	49.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1669814	50.557	ug/l	99
85) sec-Butylbenzene	13.498	105	2149428	51.264	ug/l	100
86) p-Isopropyltoluene	13.610	119	1800770	52.318	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	896855	49.972	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	888507	50.530	ug/l	99
89) n-Butylbenzene	13.939	91	1477360	52.609	ug/l	96
90) Hexachloroethane	14.204	117	310851	50.570	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	840507	49.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	111102	52.105	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	473578	49.994	ug/l	99
94) Hexachlorobutadiene	15.362	225	300558	48.906	ug/l	99
95) Naphthalene	15.498	128	1095730	47.870	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	427290	48.984	ug/l	98

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

Manual Integrations

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