

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070782.D
 Acq On : 26 Jan 2022 11:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 03:30:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	788443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1268907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1150756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	493069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	546788	48.390	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.780%		
35) Dibromofluoromethane	8.019	113	395655	50.267	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.540%		
50) Toluene-d8	10.438	98	1624342	48.987	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.728	95	592129	50.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	430532	47.255	ug/l	99
3) Chloromethane	2.303	50	625925	47.000	ug/l	100
4) Vinyl Chloride	2.451	62	598588	47.258	ug/l	98
5) Bromomethane	2.856	94	345701	52.403	ug/l	99
6) Chloroethane	3.022	64	364213	46.077	ug/l	99
7) Trichlorofluoromethane	3.382	101	728692	50.360	ug/l	98
8) Diethyl Ether	3.824	74	314630	49.777	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.213	101	427955	48.935	ug/l	95
10) Methyl Iodide	4.422	142	591313	52.434	ug/l	99
11) Tert butyl alcohol	5.369	59	415507	203.820	ug/l #	85
12) 1,1-Dichloroethene	4.183	96	417279	47.840	ug/l	93
13) Acrolein	4.039	56	640932	219.217	ug/l	100
14) Allyl chloride	4.841	41	935404	49.219	ug/l	85
15) Acrylonitrile	5.551	53	1491994	230.061	ug/l	99
16) Acetone	4.283	43	1786767	227.823	ug/l	97
17) Carbon Disulfide	4.532	76	1127563	47.598	ug/l	99
18) Methyl Acetate	4.854	43	694978	45.059	ug/l	94
19) Methyl tert-butyl Ether	5.613	73	1548803	49.705	ug/l	94
20) Methylene Chloride	5.095	84	492421	47.665	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	431172	49.116	ug/l	86
22) Diisopropyl ether	6.493	45	1821465	48.354	ug/l	92
23) Vinyl Acetate	6.428	43	7846599	245.731	ug/l	95
24) 1,1-Dichloroethane	6.385	63	923078	48.988	ug/l	98
25) 2-Butanone	7.329	43	2200043	222.927	ug/l	92
26) 2,2-Dichloropropane	7.324	77	733685	50.786	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	506966	48.614	ug/l	87
28) Bromochloromethane	7.657	49	428091	50.602	ug/l #	76
29) Tetrahydrofuran	7.681	42	1321081	218.621	ug/l	88
30) Chloroform	7.818	83	862173	46.824	ug/l	99
31) Cyclohexane	8.094	56	895020	44.982	ug/l	86
32) 1,1,1-Trichloroethane	8.011	97	721871	49.357	ug/l	97
36) 1,1-Dichloropropene	8.220	75	661023	49.886	ug/l	96
37) Ethyl Acetate	7.410	43	821435	46.694	ug/l	97
38) Carbon Tetrachloride	8.204	117	606600	51.459	ug/l	99
39) Methylcyclohexane	9.459	83	825074	50.437	ug/l	89
40) Benzene	8.459	78	1989522	48.456	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	417668	46.667	ug/l #	87
42) 1,2-Dichloroethane	8.526	62	692417	48.637	ug/l	100
43) Isopropyl Acetate	8.558	43	1278421	47.578	ug/l	97
44) Trichloroethene	9.212	130	461432	49.574	ug/l	90
45) 1,2-Dichloropropane	9.486	63	553994	49.592	ug/l	100
46) Dibromomethane	9.574	93	325025	50.039	ug/l	94
47) Bromodichloromethane	9.759	83	667428	50.267	ug/l	100
48) Methyl methacrylate	9.555	41	628932	49.132	ug/l #	78
49) 1,4-Dioxane	9.566	88	162571	845.488	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	4015895	234.223	ug/l	98
52) Toluene	10.502	92	1213995	49.430	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	749363	46.706	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	830276	52.142	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	471223	48.840	ug/l	98
56) Ethyl methacrylate	10.757	69	806162	44.212	ug/l	89
57) 1,3-Dichloropropane	11.041	76	846115	49.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	837682	185.905	ug/l	90
59) 2-Hexanone	11.082	43	2978244	239.111	ug/l	97
60) Dibromochloromethane	11.234	129	475968	52.888	ug/l	100
61) 1,2-Dibromoethane	11.342	107	475628	49.100	ug/l	98
64) Tetrachloroethene	10.974	164	415500	49.245	ug/l	95
65) Chlorobenzene	11.768	112	1249987	50.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	447134	52.079	ug/l	99
67) Ethyl Benzene	11.841	91	2375394	51.388	ug/l	96
68) m/p-Xylenes	11.950	106	1745504	103.799	ug/l	92
69) o-Xylene	12.278	106	856515	51.325	ug/l	91
70) Styrene	12.291	104	1425346	53.389	ug/l	96
71) Bromoform	12.455	173	346001	53.351	ug/l #	99
73) Isopropylbenzene	12.575	105	2266660	48.592	ug/l	97
74) N-amyl acetate	12.385	43	916722	48.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	716154	45.460	ug/l	99
76) 1,2,3-Trichloropropane	12.876	75	637023m	48.711	ug/l	
77) Bromobenzene	12.857	156	510984	48.858	ug/l	77
78) n-propylbenzene	12.916	91	2652293	50.842	ug/l	96
79) 2-Chlorotoluene	13.004	91	1597754	48.417	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	1882458	49.903	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	212678	48.450	ug/l	93
82) 4-Chlorotoluene	13.101	91	1568273	50.864	ug/l	91
83) tert-Butylbenzene	13.321	119	1608884	48.997	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	1841723	50.793	ug/l	97
85) sec-Butylbenzene	13.498	105	2296725	51.449	ug/l	97
86) p-Isopropyltoluene	13.613	119	1857072	52.956	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	895700	51.484	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	865541	49.991	ug/l	97
89) n-Butylbenzene	13.941	91	1561741	53.983	ug/l	97
90) Hexachloroethane	14.206	117	314981	51.383	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	841894	48.979	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	116799	43.708	ug/l	79
93) 1,2,4-Trichlorobenzene	15.260	180	399388	44.265	ug/l	97
94) Hexachlorobutadiene	15.367	225	258223	50.723	ug/l	99
95) Naphthalene	15.504	128	987732	39.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	373289	43.327	ug/l	98

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

