

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070152.D
 Acq On : 16 Dec 2021 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 17 01:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	936013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1580017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1497140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	637981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	698946	48.363	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.720%
35) Dibromofluoromethane	8.021	113	473317	47.825	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.640%
50) Toluene-d8	10.440	98	1869533	47.045	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.734	95	729799	50.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	482689	44.214	ug/l	99
3) Chloromethane	2.301	50	597332	43.674	ug/l	99
4) Vinyl Chloride	2.443	62	558248	44.389	ug/l	98
5) Bromomethane	2.824	94	254568	37.259	ug/l	98
6) Chloroethane	2.998	64	347135	45.044	ug/l	99
7) Trichlorofluoromethane	3.363	101	727472	44.074	ug/l	98
8) Diethyl Ether	3.819	74	326441	51.351	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.197	101	457057	49.399	ug/l	96
10) Methyl Iodide	4.411	142	537191	42.500	ug/l	98
11) Tert butyl alcohol	5.393	59	779881	285.484	ug/l	99
12) 1,1-Dichloroethene	4.170	96	432940	48.558	ug/l	87
13) Acrolein	4.036	56	422516	181.621	ug/l	99
14) Allyl chloride	4.832	41	1026578	51.097	ug/l #	90
15) Acrylonitrile	5.554	53	2057757	279.541	ug/l	100
16) Acetone	4.291	43	1985507	228.388	ug/l	96
17) Carbon Disulfide	4.521	76	929887	40.370	ug/l	99
18) Methyl Acetate	4.857	43	1419340	54.089	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1917886	55.323	ug/l	96
20) Methylene Chloride	5.090	84	571551	49.455	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	466289	48.150	ug/l	85
22) Diisopropyl ether	6.501	45	2182586	55.581	ug/l	92
23) Vinyl Acetate	6.434	43	8718622	272.906	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1071916	52.696	ug/l	97
25) 2-Butanone	7.340	43	3111393	263.409	ug/l	91
26) 2,2-Dichloropropane	7.324	77	699218	44.210	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	594101	50.777	ug/l	87
28) Bromochloromethane	7.657	49	541930	51.232	ug/l #	78
29) Tetrahydrofuran	7.689	42	2018347	281.399	ug/l	87
30) Chloroform	7.820	83	1068527	52.013	ug/l	100
31) Cyclohexane	8.094	56	936277	46.553	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	879342	50.250	ug/l	96
36) 1,1-Dichloropropene	8.220	75	738060	49.069	ug/l	96
37) Ethyl Acetate	7.415	43	1177727	52.608	ug/l	96
38) Carbon Tetrachloride	8.206	117	686679	46.555	ug/l	98
39) Methylcyclohexane	9.459	83	855217	47.801	ug/l	90
40) Benzene	8.461	78	2306365	50.165	ug/l	99

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41) Methacrylonitrile	7.638	41	601313	57.218	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	939283	50.610	ug/l	97
43) Isopropyl Acetate	8.563	43	1794713	54.173	ug/l #	94
44) Trichloroethene	9.217	130	541877	49.381	ug/l	90
45) 1,2-Dichloropropane	9.491	63	646571	52.371	ug/l	99
46) Dibromomethane	9.577	93	408474	50.448	ug/l	94
47) Bromodichloromethane	9.765	83	792962	51.725	ug/l	99
48) Methyl methacrylate	9.561	41	861525	55.724	ug/l	86
49) 1,4-Dioxane	9.571	88	328282	1183.382	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	6269581	291.720	ug/l	95
52) Toluene	10.505	92	1445005	51.481	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	844091	46.008	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	917097	47.490	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	592750	52.339	ug/l	97
56) Ethyl methacrylate	10.762	69	1065873	49.885	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1060961	53.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	2210656	373.301	ug/l	91
59) 2-Hexanone	11.087	43	4675932	287.611	ug/l	93
60) Dibromochloromethane	11.240	129	554555	45.905	ug/l	100
61) 1,2-Dibromoethane	11.347	107	611015	52.089	ug/l	100
64) Tetrachloroethene	10.980	164	505734	49.818	ug/l	96
65) Chlorobenzene	11.771	112	1538978	50.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	534598	50.008	ug/l	99
67) Ethyl Benzene	11.846	91	2889970	52.382	ug/l	97
68) m/p-Xylenes	11.953	106	2104038	104.740	ug/l	92
69) o-Xylene	12.280	106	1071827	52.971	ug/l	91
70) Styrene	12.294	104	1757304	54.770	ug/l	95
71) Bromoform	12.460	173	417632	45.913	ug/l #	100
73) Isopropylbenzene	12.581	105	2826077	49.788	ug/l	98
74) N-amyl acetate	12.388	43	1363035	54.299	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	985878	50.227	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	892154m	48.763	ug/l	
77) Bromobenzene	12.862	156	653070	48.982	ug/l	76
78) n-propylbenzene	12.921	91	3202668	50.704	ug/l	96
79) 2-Chlorotoluene	13.007	91	1996657	50.027	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	2287349	50.066	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	247226	44.694	ug/l	90
82) 4-Chlorotoluene	13.106	91	1895365	50.497	ug/l	92
83) tert-Butylbenzene	13.324	119	2032949	50.253	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2246507	51.631	ug/l	96
85) sec-Butylbenzene	13.503	105	2828728	51.550	ug/l	97
86) p-Isopropyltoluene	13.616	119	2216059	51.666	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1088851	49.711	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1049158	48.741	ug/l	97
89) n-Butylbenzene	13.943	91	1833169	52.687	ug/l	97
90) Hexachloroethane	14.211	117	346952	46.073	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1064191	49.864	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	182175	51.362	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	532324	50.807	ug/l	97
94) Hexachlorobutadiene	15.370	225	290917	51.435	ug/l	99
95) Naphthalene	15.507	128	1673437	53.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	531324	51.983	ug/l	98

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

