

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023731.D
 Acq On : 16 Aug 2021 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 1:20:18 PM

Quant Time: Aug 17 06:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	217373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143852	53.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.391	113	108871	50.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.653	98	399381	50.266	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.085	95	162640	60.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	88436	44.222	ug/l	98
3) Chloromethane	1.294	50	99616	42.761	ug/l	99
4) Vinyl Chloride	1.373	62	103818	44.025	ug/l	98
5) Bromomethane	1.599	94	59537	42.526	ug/l	97
6) Chloroethane	1.678	64	67567	46.686	ug/l	98
7) Trichlorofluoromethane	1.879	101	178074	46.871	ug/l	96
8) Diethyl Ether	2.142	74	65945	47.027	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.324	101	104778	48.679	ug/l	97
10) Methyl Iodide	2.452	142	137470	50.976	ug/l	95
11) Tert butyl alcohol	2.983	59	136762	220.788	ug/l	97
12) 1,1-Dichloroethene	2.318	96	93577	43.812	ug/l	93
13) Acrolein	2.239	56	58360	185.684	ug/l	97
14) Allyl chloride	2.666	41	181865	46.834	ug/l	91
15) Acrylonitrile	3.074	53	325649	232.814	ug/l	97
16) Acetone	2.391	43	348006	261.634	ug/l	90
17) Carbon Disulfide	2.507	76	203411	38.623	ug/l	99
18) Methyl Acetate	2.708	43	157616	49.848	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	377837	50.878	ug/l	99
20) Methylene Chloride	2.794	84	113336	43.805	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	101366	44.676	ug/l	94
22) Diisopropyl ether	3.769	45	384898	50.213	ug/l	96
23) Vinyl Acetate	3.727	43	1703104	251.690	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	204001	48.420	ug/l	97
25) 2-Butanone	4.568	43	505094	244.600	ug/l	93
26) 2,2-Dichloropropane	4.476	77	178410	51.776	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	126866	48.147	ug/l	95
28) Bromochloromethane	4.903	49	96793	49.227	ug/l	92
29) Tetrahydrofuran	5.019	42	308996	228.287	ug/l	88
30) Chloroform	5.104	83	215999	50.090	ug/l	99
31) Cyclohexane	5.470	56	174983	43.563	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	189388	51.389	ug/l	98
36) 1,1-Dichloropropene	5.696	75	152384	48.703	ug/l	99
37) Ethyl Acetate	4.720	43	184129	46.675	ug/l	94
38) Carbon Tetrachloride	5.684	117	163397	51.351	ug/l	98
39) Methylcyclohexane	7.384	83	188870	47.798	ug/l	96
40) Benzene	6.043	78	446833	48.166	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101227	48.597	ug/l	91
42) 1,2-Dichloroethane	6.092	62	184852	53.892	ug/l	94
43) Isopropyl Acetate	6.348	43	306348	50.115	ug/l	92
44) Trichloroethene	7.128	130	122893	48.221	ug/l	97
45) 1,2-Dichloropropane	7.433	63	123114	50.152	ug/l	99
46) Dibromomethane	7.586	93	86539	51.972	ug/l	97
47) Bromodichloromethane	7.830	83	161512	53.839	ug/l	99
48) Methyl methacrylate	7.695	41	149360	52.757	ug/l	86
49) 1,4-Dioxane	7.665	88	57421	952.494	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	997303	266.732	ug/l	90
52) Toluene	8.720	92	293812	51.122	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	193563	50.842	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	196605	52.572	ug/l #	90
55) 1,1,2-Trichloroethane	9.152	97	129540	55.661	ug/l	99
56) Ethyl methacrylate	9.122	69	205781	55.161	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	210307	53.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	476715	241.223	ug/l	97
59) 2-Hexanone	9.433	43	776697	273.554	ug/l	87
60) Dibromochloromethane	9.524	129	129907	50.348	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134943	54.346	ug/l	99
64) Tetrachloroethene	9.274	164	122085	46.847	ug/l	95
65) Chlorobenzene	10.085	112	330372	49.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	124930	48.540	ug/l	99
67) Ethyl Benzene	10.195	91	587463	50.541	ug/l	98
68) m/p-Xylenes	10.305	106	459365	102.760	ug/l	100
69) o-Xylene	10.646	106	226478	51.101	ug/l	99
70) Styrene	10.658	104	380364	54.167	ug/l	97
71) Bromoform	10.805	173	95483	47.494	ug/l #	99
73) Isopropylbenzene	10.963	105	606370	48.684	ug/l	100
74) N-amyl acetate	10.847	43	275524	48.488	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	193413	47.671	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	180429m	49.673	ug/l	
77) Bromobenzene	11.201	156	149415	49.729	ug/l	98
78) n-propylbenzene	11.304	91	706007	50.084	ug/l	99
79) 2-Chlorotoluene	11.365	91	421758	50.070	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	509378	50.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	65172	48.245	ug/l	90
82) 4-Chlorotoluene	11.457	91	489639	51.382	ug/l	99
83) tert-Butylbenzene	11.719	119	498280	50.080	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	512957	50.841	ug/l	100
85) sec-Butylbenzene	11.896	105	648081	50.236	ug/l	100
86) p-Isopropyltoluene	12.012	119	540485	51.880	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	271866	48.909	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	271752	48.181	ug/l	99
89) n-Butylbenzene	12.335	91	486688	51.606	ug/l	97
90) Hexachloroethane	12.542	117	86450	46.472	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	263175	48.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	41827	42.812	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	169163	50.026	ug/l	98
94) Hexachlorobutadiene	13.731	225	72214	47.587	ug/l	98
95) Naphthalene	13.780	128	563917	48.503	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170374	49.894	ug/l	99

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

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