

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023917.D
 Acq On : 23 Aug 2021 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:44:13 AM

Quant Time: Aug 24 07:17:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	202487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	314934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140977	49.884	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.760%		
35) Dibromofluoromethane	5.391	113	109297	50.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	8.653	98	406052	48.811	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.085	95	160642	52.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	98233	45.981	ug/l	100
3) Chloromethane	1.294	50	108310	46.183	ug/l	99
4) Vinyl Chloride	1.374	62	107811	47.135	ug/l	100
5) Bromomethane	1.599	94	68823	47.858	ug/l	99
6) Chloroethane	1.679	64	68639	40.511	ug/l	99
7) Trichlorofluoromethane	1.886	101	179647	49.736	ug/l	98
8) Diethyl Ether	2.142	74	62282	49.376	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	97246	47.845	ug/l	96
10) Methyl Iodide	2.453	142	141433	49.975	ug/l	94
11) Tert butyl alcohol	2.983	59	150408	263.171	ug/l	97
12) 1,1-Dichloroethene	2.319	96	95788	49.292	ug/l	96
13) Acrolein	2.245	56	94218	277.027	ug/l	97
14) Allyl chloride	2.666	41	175942	49.129	ug/l	90
15) Acrylonitrile	3.075	53	326030	256.029	ug/l	98
16) Acetone	2.392	43	302643	239.506	ug/l	91
17) Carbon Disulfide	2.514	76	234930	50.689	ug/l	100
18) Methyl Acetate	2.715	43	162995	51.671	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	351033	51.902	ug/l	100
20) Methylene Chloride	2.794	84	113450	47.003	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	102563	49.412	ug/l	95
22) Diisopropyl ether	3.776	45	360802	50.584	ug/l	94
23) Vinyl Acetate	3.733	43	1508568	261.451	ug/l	95
24) 1,1-Dichloroethane	3.617	63	198378	49.974	ug/l	98
25) 2-Butanone	4.574	43	493594	257.896	ug/l	92
26) 2,2-Dichloropropane	4.483	77	134341	41.234	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	120937	48.965	ug/l	97
28) Bromochloromethane	4.910	49	100696	55.789	ug/l	91
29) Tetrahydrofuran	5.019	42	317577	256.170	ug/l	89
30) Chloroform	5.105	83	209269	49.788	ug/l	98
31) Cyclohexane	5.477	56	173350	47.744	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	184296	51.206	ug/l	98
36) 1,1-Dichloropropene	5.702	75	149787	48.979	ug/l	99
37) Ethyl Acetate	4.727	43	186677	49.659	ug/l #	94
38) Carbon Tetrachloride	5.690	117	162120	50.838	ug/l	98
39) Methylcyclohexane	7.385	83	174393	46.835	ug/l	96
40) Benzene	6.050	78	435393	48.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	102459	50.277	ug/l	90
42) 1,2-Dichloroethane	6.098	62	180578	50.809	ug/l	94
43) Isopropyl Acetate	6.354	43	297849	50.654	ug/l	92
44) Trichloroethene	7.135	130	119011	47.642	ug/l	98
45) 1,2-Dichloropropane	7.440	63	117349	48.870	ug/l	100
46) Dibromomethane	7.586	93	83383	49.899	ug/l	97
47) Bromodichloromethane	7.830	83	157257	52.020	ug/l	100
48) Methyl methacrylate	7.702	41	147520	51.429	ug/l	86
49) 1,4-Dioxane	7.665	88	62641	1033.282	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1011868	266.213	ug/l	89
52) Toluene	8.726	92	287757	49.108	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	176492	45.404	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	183015	49.963	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	122052	50.593	ug/l	98
56) Ethyl methacrylate	9.122	69	196496	47.704	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	199085	49.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	491612	253.072	ug/l	96
59) 2-Hexanone	9.433	43	803504	275.012	ug/l	86
60) Dibromochloromethane	9.525	129	126955	47.729	ug/l	99
61) 1,2-Dibromoethane	9.616	107	129434	50.788	ug/l	100
64) Tetrachloroethene	9.281	164	117434	46.686	ug/l	97
65) Chlorobenzene	10.086	112	319310	48.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	121649	52.009	ug/l	99
67) Ethyl Benzene	10.195	91	577451	50.318	ug/l	99
68) m/p-Xylenes	10.305	106	444220	101.625	ug/l	99
69) o-Xylene	10.646	106	219770	51.162	ug/l	99
70) Styrene	10.659	104	365904	52.287	ug/l	96
71) Bromoform	10.805	173	95295	50.133	ug/l	98
73) Isopropylbenzene	10.963	105	580206	49.292	ug/l	99
74) N-amyl acetate	10.848	43	276773	52.031	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	188820	48.948	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	179651m	49.905	ug/l	
77) Bromobenzene	11.201	156	144790	49.943	ug/l	96
78) n-propylbenzene	11.305	91	673598	50.034	ug/l	100
79) 2-Chlorotoluene	11.366	91	406147	49.913	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	495208	51.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	59500	48.619	ug/l	90
82) 4-Chlorotoluene	11.457	91	467378	50.602	ug/l	99
83) tert-Butylbenzene	11.719	119	477863	50.866	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	492667	51.081	ug/l	99
85) sec-Butylbenzene	11.896	105	613764	51.603	ug/l	99
86) p-Isopropyltoluene	12.012	119	510715	52.172	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	260765	49.715	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	257335	49.192	ug/l	99
89) n-Butylbenzene	12.335	91	444035	50.802	ug/l	97
90) Hexachloroethane	12.542	117	83629	49.039	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	249180	49.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42885	47.526	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	149325	48.827	ug/l	98
94) Hexachlorobutadiene	13.725	225	67076	49.208	ug/l	99
95) Naphthalene	13.780	128	533334	47.320	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156292	51.314	ug/l	99

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

