

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023481.D
 Acq On : 27 Jul 2021 17:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:59 PM

Quant Time: Jul 28 00:52:11 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	5.555	168	211403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132448	50.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.460%	
35) Dibromofluoromethane	5.391	113	106264	51.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.000%	
50) Toluene-d8	8.652	98	394599	52.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	11.085	95	140594	54.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	96856	49.800	ug/l	99
3) Chloromethane	1.294	50	111422	49.179	ug/l	99
4) Vinyl Chloride	1.373	62	112866	49.213	ug/l	100
5) Bromomethane	1.599	94	66424	48.785	ug/l	98
6) Chloroethane	1.678	64	71115	50.525	ug/l	99
7) Trichlorofluoromethane	1.879	101	182729	49.454	ug/l	96
8) Diethyl Ether	2.135	74	66787	48.972	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.324	101	107656	51.428	ug/l	97
10) Methyl Iodide	2.452	142	138439	52.785	ug/l	97
11) Tert butyl alcohol	2.977	59	127990	212.462	ug/l	98
12) 1,1-Dichloroethene	2.318	96	101695	48.958	ug/l	98
13) Acrolein	2.239	56	70487	230.272	ug/l	98
14) Allyl chloride	2.666	41	180265	47.733	ug/l	94
15) Acrylonitrile	3.068	53	329992	242.581	ug/l	99
16) Acetone	2.385	43	279998	216.450	ug/l	94
17) Carbon Disulfide	2.513	76	230440	44.990	ug/l	100
18) Methyl Acetate	2.708	43	147483	47.960	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	355493	49.221	ug/l	98
20) Methylene Chloride	2.794	84	117166	46.564	ug/l	90
21) trans-1,2-Dichloroethene	3.092	96	108721	49.271	ug/l	99
22) Diisopropyl ether	3.769	45	376357	50.485	ug/l	95
23) Vinyl Acetate	3.727	43	1652955	251.178	ug/l	95
24) 1,1-Dichloroethane	3.611	63	205866	50.243	ug/l	97
25) 2-Butanone	4.562	43	468929	233.499	ug/l	95
26) 2,2-Dichloropropane	4.482	77	164202	48.998	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	128183	50.020	ug/l	98
28) Bromochloromethane	4.903	49	93151	48.713	ug/l	96
29) Tetrahydrofuran	5.013	42	306246	232.645	ug/l	90
30) Chloroform	5.098	83	211539	50.441	ug/l	99
31) Cyclohexane	5.470	56	185387	47.457	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	182434	50.900	ug/l	98
36) 1,1-Dichloropropene	5.696	75	154777	51.849	ug/l	98
37) Ethyl Acetate	4.726	43	182580	48.509	ug/l	# 94
38) Carbon Tetrachloride	5.683	117	160117	52.742	ug/l	99
39) Methylcyclohexane	7.384	83	197512	52.391	ug/l	99
40) Benzene	6.043	78	455350	51.447	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	99469	50.051	ug/l	92
42) 1,2-Dichloroethane	6.092	62	170239	52.020	ug/l	97
43) Isopropyl Acetate	6.348	43	291368	49.958	ug/l	93
44) Trichloroethene	7.128	130	126324	51.953	ug/l	98
45) 1,2-Dichloropropane	7.433	63	121085	51.699	ug/l	97
46) Dibromomethane	7.586	93	84322	53.078	ug/l	98
47) Bromodichloromethane	7.823	83	154346	53.927	ug/l	99
48) Methyl methacrylate	7.695	41	142570	52.782	ug/l	89
49) 1,4-Dioxane	7.665	88	55011	956.437	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	931718	261.185	ug/l	91
52) Toluene	8.720	92	293558	53.536	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	175498	48.406	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	189766	53.186	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	123465	55.604	ug/l	98
56) Ethyl methacrylate	9.122	69	192281	54.023	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	204308	54.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	478197	253.619	ug/l	98
59) 2-Hexanone	9.433	43	700366	258.542	ug/l	88
60) Dibromochloromethane	9.524	129	123345	50.115	ug/l	100
61) 1,2-Dibromoethane	9.610	107	129839	54.808	ug/l	99
64) Tetrachloroethene	9.274	164	126021	52.816	ug/l	97
65) Chlorobenzene	10.079	112	320891	52.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	117819	49.969	ug/l	98
67) Ethyl Benzene	10.195	91	564471	53.041	ug/l	99
68) m/p-Xylenes	10.305	106	429686	104.983	ug/l	99
69) o-Xylene	10.646	106	209106	51.531	ug/l	99
70) Styrene	10.658	104	350149	54.462	ug/l	99
71) Bromoform	10.805	173	81853	44.693	ug/l #	100
73) Isopropylbenzene	10.963	105	555501	52.638	ug/l	98
74) N-amyl acetate	10.847	43	240628	49.980	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	170854	49.701	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	158765m	51.587	ug/l	
77) Bromobenzene	11.201	156	134829	52.963	ug/l	94
78) n-propylbenzene	11.304	91	638155	53.430	ug/l	99
79) 2-Chlorotoluene	11.365	91	377363	52.874	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	457397	53.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55684	48.651	ug/l	92
82) 4-Chlorotoluene	11.457	91	427780	52.981	ug/l	99
83) tert-Butylbenzene	11.719	119	447630	53.099	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	454123	53.122	ug/l	100
85) sec-Butylbenzene	11.896	105	585705	53.583	ug/l	99
86) p-Isopropyltoluene	12.012	119	480823	54.472	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	242450	51.479	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	240183	50.259	ug/l	98
89) n-Butylbenzene	12.335	91	425817	53.289	ug/l	98
90) Hexachloroethane	12.542	117	76083	48.198	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	233417	51.185	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	36385	43.897	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	152046	53.068	ug/l	98
94) Hexachlorobutadiene	13.731	225	66385	51.630	ug/l	98
95) Naphthalene	13.780	128	517803	52.564	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	152888	52.843	ug/l	99

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

