

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023802.D
 Acq On : 18 Aug 2021 07:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:28 PM

Quant Time: Aug 18 07:48:21 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	191154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	313053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	298211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	135794	50.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.800%
35) Dibromofluoromethane	5.391	113	104390	50.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.760%
50) Toluene-d8	8.653	98	393764	49.931	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.085	95	150768	51.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	104893	52.010	ug/l	98
3) Chloromethane	1.294	50	111568	50.393	ug/l	99
4) Vinyl Chloride	1.374	62	110473	51.162	ug/l	99
5) Bromomethane	1.599	94	67493	49.715	ug/l	98
6) Chloroethane	1.678	64	70089	44.101	ug/l	99
7) Trichlorofluoromethane	1.886	101	177944	52.185	ug/l	97
8) Diethyl Ether	2.142	74	62289	52.309	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	97107	50.609	ug/l	97
10) Methyl Iodide	2.453	142	138798	51.952	ug/l	96
11) Tert butyl alcohol	2.983	59	142346	263.831	ug/l	98
12) 1,1-Dichloroethene	2.319	96	93936	51.205	ug/l	97
13) Acrolein	2.239	56	69411	216.187	ug/l	98
14) Allyl chloride	2.666	41	163615	48.395	ug/l	91
15) Acrylonitrile	3.074	53	316125	262.969	ug/l	97
16) Acetone	2.392	43	295721	247.903	ug/l	92
17) Carbon Disulfide	2.514	76	222797	50.921	ug/l	100
18) Methyl Acetate	2.715	43	155035	52.062	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	335592	52.561	ug/l	98
20) Methylene Chloride	2.794	84	112181	49.233	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	101709	51.906	ug/l	94
22) Diisopropyl ether	3.769	45	351892	52.260	ug/l	92
23) Vinyl Acetate	3.733	43	1436688	263.755	ug/l	94
24) 1,1-Dichloroethane	3.617	63	193747	51.701	ug/l	97
25) 2-Butanone	4.574	43	474867	262.821	ug/l	93
26) 2,2-Dichloropropane	4.489	77	90790	29.519	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	119414	51.215	ug/l	99
28) Bromochloromethane	4.903	49	85372	50.103	ug/l	94
29) Tetrahydrofuran	5.019	42	308114	263.272	ug/l	88
30) Chloroform	5.105	83	202308	50.986	ug/l	98
31) Cyclohexane	5.476	56	174097	50.793	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	176511	51.951	ug/l	97
36) 1,1-Dichloropropene	5.702	75	146506	50.535	ug/l	99
37) Ethyl Acetate	4.727	43	176366	49.490	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	154399	51.073	ug/l	99
39) Methylcyclohexane	7.385	83	176733	50.067	ug/l	97
40) Benzene	6.043	78	431203	50.301	ug/l	98

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41) Methacrylonitrile	4.934	41	95215	49.286	ug/l	92
42) 1,2-Dichloroethane	6.092	62	172276	51.133	ug/l	94
43) Isopropyl Acetate	6.354	43	284753	51.084	ug/l	92
44) Trichloroethene	7.135	130	114127	48.194	ug/l	100
45) 1,2-Dichloropropane	7.433	63	113658	49.930	ug/l	99
46) Dibromomethane	7.586	93	80928	51.087	ug/l	96
47) Bromodichloromethane	7.830	83	147399	51.434	ug/l	97
48) Methyl methacrylate	7.702	41	142362	52.354	ug/l	85
49) 1,4-Dioxane	7.665	88	60384	1050.704	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	970395	269.311	ug/l	90
52) Toluene	8.726	92	283979	51.122	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	157087	42.760	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	164354	47.330	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	117602	51.423	ug/l	100
56) Ethyl methacrylate	9.122	69	188629	48.297	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	195552	51.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	441982	240.007	ug/l	97
59) 2-Hexanone	9.433	43	757085	273.342	ug/l	87
60) Dibromochloromethane	9.525	129	118292	46.941	ug/l	99
61) 1,2-Dibromoethane	9.616	107	126807	52.487	ug/l	98
64) Tetrachloroethene	9.281	164	103900	43.622	ug/l	97
65) Chlorobenzene	10.085	112	307892	49.478	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115437	52.121	ug/l	99
67) Ethyl Benzene	10.195	91	556525	51.214	ug/l	99
68) m/p-Xylenes	10.305	106	425860	102.888	ug/l	97
69) o-Xylene	10.646	106	211983	52.117	ug/l	100
70) Styrene	10.658	104	352022	53.124	ug/l	98
71) Bromoform	10.805	173	86383	48.076	ug/l	100
73) Isopropylbenzene	10.963	105	556535	51.063	ug/l	99
74) N-amyl acetate	10.847	43	257414	52.262	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182473	51.086	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	165577m	49.674	ug/l	
77) Bromobenzene	11.201	156	137296	51.145	ug/l	97
78) n-propylbenzene	11.311	91	644832	51.728	ug/l	99
79) 2-Chlorotoluene	11.366	91	387619	51.446	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	470456	52.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	48335	42.655	ug/l	87
82) 4-Chlorotoluene	11.457	91	447786	52.359	ug/l	99
83) tert-Butylbenzene	11.719	119	463089	53.235	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	469805	52.607	ug/l	100
85) sec-Butylbenzene	11.896	105	582195	52.863	ug/l	100
86) p-Isopropyltoluene	12.012	119	481969	53.173	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	245043	50.454	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242781	50.121	ug/l	99
89) n-Butylbenzene	12.335	91	414258	51.186	ug/l	97
90) Hexachloroethane	12.542	117	77555	49.112	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	236658	50.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39146	46.882	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	141354	49.917	ug/l	98
94) Hexachlorobutadiene	13.725	225	60097	47.614	ug/l	98
95) Naphthalene	13.780	128	508927	48.727	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148815	52.766	ug/l	99

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

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