

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023230.D
 Acq On : 09 Jul 2021 18:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:43:34 PM

Quant Time: Jul 10 04:22:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	254131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	409856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	171683	50.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.540%	
35) Dibromofluoromethane	5.397	113	129311	48.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.720%	
50) Toluene-d8	8.653	98	472650	47.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	11.085	95	184467	48.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	118726	51.561	ug/l	98
3) Chloromethane	1.294	50	111283	48.846	ug/l	99
4) Vinyl Chloride	1.374	62	124670	51.658	ug/l	98
5) Bromomethane	1.599	94	54514	43.395	ug/l	99
6) Chloroethane	1.678	64	77717	49.247	ug/l	100
7) Trichlorofluoromethane	1.880	101	213161	50.823	ug/l	99
8) Diethyl Ether	2.142	74	84088	54.320	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	129361	52.704	ug/l	97
10) Methyl Iodide	2.453	142	160591	53.283	ug/l	94
11) Tert butyl alcohol	2.983	59	193496	269.292	ug/l	98
12) 1,1-Dichloroethene	2.318	96	123031	54.310	ug/l	96
13) Acrolein	2.239	56	96998	202.724	ug/l	98
14) Allyl chloride	2.666	41	216613	55.027	ug/l	94
15) Acrylonitrile	3.074	53	386668	276.752	ug/l	98
16) Acetone	2.392	43	354596	262.415	ug/l	91
17) Carbon Disulfide	2.514	76	231115	48.374	ug/l	99
18) Methyl Acetate	2.709	43	181979	55.479	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	487211	57.505	ug/l	99
20) Methylene Chloride	2.794	84	145871	50.139	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	130427	53.310	ug/l	97
22) Diisopropyl ether	3.769	45	454182	54.726	ug/l	95
23) Vinyl Acetate	3.733	43	1952414	277.965	ug/l	97
24) 1,1-Dichloroethane	3.617	63	259642	55.371	ug/l	99
25) 2-Butanone	4.568	43	554003	271.882	ug/l	96
26) 2,2-Dichloropropane	4.483	77	186180	47.306	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	163051	55.022	ug/l	100
28) Bromochloromethane	4.909	49	106249	47.760	ug/l	100
29) Tetrahydrofuran	5.013	42	354273	270.470	ug/l	94
30) Chloroform	5.105	83	280865	55.448	ug/l	100
31) Cyclohexane	5.476	56	199052	48.674	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	253768	57.523	ug/l	100
36) 1,1-Dichloropropene	5.702	75	187595	51.342	ug/l	99
37) Ethyl Acetate	4.727	43	214096	53.714	ug/l	96
38) Carbon Tetrachloride	5.684	117	216296	56.714	ug/l	99
39) Methylcyclohexane	7.385	83	209694	49.070	ug/l	97
40) Benzene	6.050	78	561335	52.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	118199	53.046	ug/l	94
42) 1,2-Dichloroethane	6.092	62	232451	54.532	ug/l	95
43) Isopropyl Acetate	6.348	43	349807	52.763	ug/l	96
44) Trichloroethene	7.135	130	162182	53.894	ug/l	99
45) 1,2-Dichloropropane	7.440	63	147836	53.386	ug/l	99
46) Dibromomethane	7.586	93	107324	54.268	ug/l	99
47) Bromodichloromethane	7.830	83	206977	57.321	ug/l	99
48) Methyl methacrylate	7.702	41	172908	53.151	ug/l	89
49) 1,4-Dioxane	7.665	88	80944	1105.557	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1087373	264.682	ug/l	94
52) Toluene	8.726	92	363237	52.909	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	220097	48.314	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	235289	49.529	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	158555	54.998	ug/l	99
56) Ethyl methacrylate	9.122	69	246860	55.413	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	254639	53.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	576149	237.865	ug/l	100
59) 2-Hexanone	9.433	43	827687	262.580	ug/l	91
60) Dibromochloromethane	9.525	129	161811	50.249	ug/l	100
61) 1,2-Dibromoethane	9.616	107	166235	56.182	ug/l	98
64) Tetrachloroethene	9.275	164	161555	53.570	ug/l	93
65) Chlorobenzene	10.085	112	402056	53.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	156509	57.913	ug/l	100
67) Ethyl Benzene	10.195	91	707839	53.571	ug/l	100
68) m/p-Xylenes	10.305	106	547776	108.588	ug/l	100
69) o-Xylene	10.646	106	275868	54.262	ug/l	99
70) Styrene	10.658	104	458515	55.212	ug/l	97
71) Bromoform	10.805	173	114020	49.664	ug/l #	99
73) Isopropylbenzene	10.963	105	715793	54.619	ug/l	99
74) N-amyl acetate	10.847	43	294720	52.997	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	225145	54.073	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	214380m	57.266	ug/l	
77) Bromobenzene	11.201	156	179961	54.999	ug/l	96
78) n-propylbenzene	11.305	91	812798	53.635	ug/l	98
79) 2-Chlorotoluene	11.366	91	504885	53.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	613909	54.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	68141	50.749	ug/l	94
82) 4-Chlorotoluene	11.457	91	578276	54.674	ug/l	100
83) tert-Butylbenzene	11.719	119	594167	55.476	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	618256	55.444	ug/l	100
85) sec-Butylbenzene	11.896	105	759255	55.094	ug/l	100
86) p-Isopropyltoluene	12.012	119	640000	55.361	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	330341	53.764	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	332445	53.735	ug/l	99
89) n-Butylbenzene	12.335	91	539940	53.318	ug/l	98
90) Hexachloroethane	12.542	117	100749	50.889	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	330634	54.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53147	51.928	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	208049	55.257	ug/l	98
94) Hexachlorobutadiene	13.725	225	88846	55.731	ug/l	99
95) Naphthalene	13.780	128	729771	52.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213070	56.267	ug/l	99

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

