

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021004.D
 Acq On : 04 Mar 2021 10:53
 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
 3/5/2021 10:10:19 AM

Quant Time: Mar 04 13:34:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	210594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	367463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	318583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	152419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	141948	49.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.80%		
35) Dibromofluoromethane	5.458	113	114949	51.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.98%		
50) Toluene-d8	8.694	98	444444	51.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.10%		
62) 4-Bromofluorobenzene	11.118	95	155947	48.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	107894	47.38	ug/l	99
3) Chloromethane	1.311	50	125327	49.53	ug/l	100
4) Vinyl Chloride	1.393	62	146261	50.21	ug/l	99
5) Bromomethane	1.622	94	51961	53.90	ug/l	100
6) Chloroethane	1.705	64	95868	52.60	ug/l	99
7) Trichlorofluoromethane	1.911	101	190603	51.83	ug/l	95
8) Diethyl Ether	2.170	74	90009	52.76	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.364	101	116808	51.57	ug/l	97
10) Methyl Iodide	2.487	142	148801	48.89	ug/l	98
11) Tert butyl alcohol	3.011	59	134403	212.18	ug/l	98
12) 1,1-Dichloroethene	2.352	96	117954	50.04	ug/l	98
13) Acrolein	2.270	56	115836	295.32	ug/l	99
14) Allyl chloride	2.705	41	190788	49.53	ug/l	99
15) Acrylonitrile	3.111	53	339900	251.48	ug/l	99
16) Acetone	2.417	43	309411	263.98	ug/l	100
17) Carbon Disulfide	2.552	76	327351	48.74	ug/l	100
18) Methyl Acetate	2.746	43	139272	50.24	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	434864	51.65	ug/l	99
20) Methylene Chloride	2.834	84	138160	49.14	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	132487	50.04	ug/l	99
22) Diisopropyl ether	3.817	45	403412	52.09	ug/l	95
23) Vinyl Acetate	3.782	43	1712740	258.61	ug/l	100
24) 1,1-Dichloroethane	3.664	63	239863	52.58	ug/l	99
25) 2-Butanone	4.629	43	447807	251.50	ug/l	98
26) 2,2-Dichloropropane	4.546	77	201176	48.56	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	154568	50.67	ug/l	100
28) Bromochloromethane	4.976	49	104535	53.57	ug/l	99
29) Tetrahydrofuran	5.082	42	280599	245.52	ug/l	100
30) Chloroform	5.170	83	240020	52.23	ug/l	99
31) Cyclohexane	5.546	56	208565	50.64	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	203989	50.96	ug/l	99
36) 1,1-Dichloropropene	5.764	75	183512	52.54	ug/l	99
37) Ethyl Acetate	4.788	43	172680	51.97	ug/l	99
38) Carbon Tetrachloride	5.752	117	171122	50.57	ug/l	100
39) Methylcyclohexane	7.435	83	232843	53.17	ug/l	98
40) Benzene	6.105	78	546760	52.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	95343	51.02	ug/l	99
42) 1,2-Dichloroethane	6.158	62	193916	55.71	ug/l	100
43) Isopropyl Acetate	6.405	43	284974	50.42	ug/l	99
44) Trichloroethene	7.182	130	150886	54.82	ug/l	100
45) 1,2-Dichloropropane	7.488	63	143172	54.57	ug/l	98
46) Dibromomethane	7.635	93	95062	53.80	ug/l	97
47) Bromodichloromethane	7.870	83	198763	54.02	ug/l	100
48) Methyl methacrylate	7.741	41	146822	51.78	ug/l	99
49) 1,4-Dioxane	7.711	88	63467	958.96	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	834945	253.71	ug/l	100
52) Toluene	8.765	92	348154	53.40	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	222226	53.85	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	243779	53.93	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	138725	53.85	ug/l	100
56) Ethyl methacrylate	9.159	69	214148	51.35	ug/l	99
57) 1,3-Dichloropropane	9.353	76	244403	55.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	556311	272.81	ug/l	100
59) 2-Hexanone	9.471	43	618979	250.69	ug/l	100
60) Dibromochloromethane	9.565	129	151150	55.60	ug/l	99
61) 1,2-Dibromoethane	9.653	107	145354	53.82	ug/l	100
64) Tetrachloroethene	9.318	164	139336	60.60	ug/l	94
65) Chlorobenzene	10.118	112	362720	54.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	130910	52.90	ug/l	98
67) Ethyl Benzene	10.235	91	644011	52.94	ug/l	98
68) m/p-Xylenes	10.341	106	484964	108.34	ug/l	97
69) o-Xylene	10.682	106	236185	54.06	ug/l	94
70) Styrene	10.694	104	400326	53.41	ug/l	98
71) Bromoform	10.841	173	104287	54.54	ug/l #	98
73) Isopropylbenzene	11.000	105	608907	50.58	ug/l	99
74) N-amyl acetate	10.882	43	233040	47.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	191000	49.21	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	188426m	57.47	ug/l	
77) Bromobenzene	11.235	156	147637	52.70	ug/l	99
78) n-propylbenzene	11.341	91	696935	50.76	ug/l	99
79) 2-Chlorotoluene	11.406	91	410676	49.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	517197	51.62	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	69098	46.66	ug/l	96
82) 4-Chlorotoluene	11.494	91	480989	50.16	ug/l	99
83) tert-Butylbenzene	11.753	119	486703	49.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.788	105	519494	51.09	ug/l	100
85) sec-Butylbenzene	11.930	105	604112	52.60	ug/l	100
86) p-Isopropyltoluene	12.047	119	540224	51.32	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	260663	51.98	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	269269	52.71	ug/l	99
89) n-Butylbenzene	12.371	91	476864	50.75	ug/l	98
90) Hexachloroethane	12.577	117	96111	47.83	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	255799	52.26	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	42320	47.62	ug/l	95
93) 1,2,4-Trichlorobenzene	13.630	180	172183	54.83	ug/l	99
94) Hexachlorobutadiene	13.765	225	70124	55.76	ug/l	92
95) Naphthalene	13.818	128	593448	53.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	172971	55.48	ug/l	99

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

