

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020874.D
 Acq On : 05 Feb 2021 18:17
 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
 2/8/2021 11:33:50 AM

Quant Time: Feb 06 01:07:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	285629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	447134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	427964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	231244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	184247	47.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.58%
35) Dibromofluoromethane	5.464	113	156436	51.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.16%
50) Toluene-d8	8.696	98	565037	50.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.64%
62) 4-Bromofluorobenzene	11.122	95	224201	51.41	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.82%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	204556	45.41	ug/l	99
3) Chloromethane	1.313	50	181042	45.06	ug/l	100
4) Vinyl Chloride	1.392	62	180609	45.09	ug/l	99
5) Bromomethane	1.624	94	86971	45.19	ug/l	98
6) Chloroethane	1.703	64	106095	46.79	ug/l	97
7) Trichlorofluoromethane	1.910	101	267531	49.23	ug/l	98
8) Diethyl Ether	2.166	74	92461	47.41	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	146161	52.69	ug/l	99
10) Methyl Iodide	2.489	142	191685	49.27	ug/l	95
11) Tert butyl alcohol	3.020	59	184536	253.73	ug/l	99
12) 1,1-Dichloroethene	2.349	96	134808	49.15	ug/l	97
13) Acrolein	2.270	56	138763	252.97	ug/l	99
14) Allyl chloride	2.703	41	233560	45.72	ug/l	95
15) Acrylonitrile	3.117	53	454882	247.10	ug/l	100
16) Acetone	2.422	43	348960	236.24	ug/l	98
17) Carbon Disulfide	2.544	76	381980	43.33	ug/l	100
18) Methyl Acetate	2.745	43	197639	52.37	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	519146	50.59	ug/l	99
20) Methylene Chloride	2.831	84	178942	48.00	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	163158	47.62	ug/l	98
22) Diisopropyl ether	3.824	45	477950	47.60	ug/l	96
23) Vinyl Acetate	3.782	43	2017143	244.18	ug/l	100
24) 1,1-Dichloroethane	3.666	63	295531	48.69	ug/l	100
25) 2-Butanone	4.635	43	555783	240.23	ug/l	98
26) 2,2-Dichloropropane	4.550	77	238482	48.97	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	183329	48.79	ug/l	99
28) Bromochloromethane	4.977	49	111815	42.98	ug/l	96
29) Tetrahydrofuran	5.093	42	363443	243.91	ug/l	99
30) Chloroform	5.172	83	308525	49.45	ug/l	99
31) Cyclohexane	5.544	56	237003	45.24	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	273842	49.86	ug/l	98
36) 1,1-Dichloropropene	5.763	75	213320	47.54	ug/l	99
37) Ethyl Acetate	4.794	43	209297	49.19	ug/l	100
38) Carbon Tetrachloride	5.751	117	246682	52.28	ug/l	98
39) Methylcyclohexane	7.440	83	244560	47.82	ug/l	96
40) Benzene	6.111	78	663732	50.22	ug/l	100
41) Methacrylonitrile	5.001	41	116874	49.08	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	237666	50.42	ug/l	100
43) Isopropyl Acetate	6.409	43	328692	48.46	ug/l	99
44) Trichloroethene	7.184	130	180058	51.20	ug/l	100
45) 1,2-Dichloropropane	7.488	63	171872	49.90	ug/l	98
46) Dibromomethane	7.635	93	118183	51.11	ug/l	99
47) Bromodichloromethane	7.873	83	247630	50.70	ug/l	98
48) Methyl methacrylate	7.745	41	172025	50.20	ug/l	97
49) 1,4-Dioxane	7.714	88	87658	1090.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1113166	260.06	ug/l	99
52) Toluene	8.763	92	427317	51.42	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	261257	50.83	ug/l	96
54) cis-1,3-Dichloropropene	8.415	75	286383	51.67	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	180831	52.41	ug/l	99
56) Ethyl methacrylate	9.159	69	254952	46.38	ug/l	97
57) 1,3-Dichloropropane	9.348	76	299766	51.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	616233	258.11	ug/l	99
59) 2-Hexanone	9.470	43	855326	268.41	ug/l	99
60) Dibromochloromethane	9.561	129	202991	53.21	ug/l	99
61) 1,2-Dibromoethane	9.653	107	187334	52.46	ug/l	100
64) Tetrachloroethene	9.317	164	177437	54.08	ug/l	97
65) Chlorobenzene	10.122	112	465782	50.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	183126	53.28	ug/l	99
67) Ethyl Benzene	10.232	91	820728	51.12	ug/l	100
68) m/p-Xylenes	10.342	106	625812	104.54	ug/l	98
69) o-Xylene	10.683	106	300909	53.44	ug/l	99
70) Styrene	10.695	104	528693	54.68	ug/l	100
71) Bromoform	10.835	173	149244	54.09	ug/l #	95
73) Isopropylbenzene	11.000	105	821423	49.15	ug/l	99
74) N-ethyl acetate	10.878	43	295303	42.30	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	274629	48.77	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	266607m	49.71	ug/l	
77) Bromobenzene	11.238	156	207379	49.02	ug/l	97
78) n-propylbenzene	11.341	91	935415	48.48	ug/l	99
79) 2-Chlorotoluene	11.402	91	575102	48.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	713495	49.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	92641	48.40	ug/l	98
82) 4-Chlorotoluene	11.494	91	671798	48.16	ug/l	99
83) tert-Butylbenzene	11.756	119	677556	49.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	725077	50.32	ug/l	100
85) sec-Butylbenzene	11.927	105	788987	49.48	ug/l	100
86) p-Isopropyltoluene	12.049	119	752882	50.88	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	373536	48.46	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	373350	46.64	ug/l	98
89) n-Butylbenzene	12.372	91	623094	47.01	ug/l	99
90) Hexachloroethane	12.579	117	130151	48.85	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	373815	50.32	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	59516	47.68	ug/l	98
93) 1,2,4-Trichlorobenzene	13.628	180	228040	47.34	ug/l	98
94) Hexachlorobutadiene	13.762	225	104980	46.25	ug/l	97
95) Naphthalene	13.817	128	789921	44.84	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	232521	49.57	ug/l	98

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