

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020784.D
 Acq On : 27 Jan 2021 20:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2021 2:15:48 PM

Quant Time: Jan 28 00:48:25 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	369747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	610414	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	571004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	282929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	229255	45.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.92%		
35) Dibromofluoromethane	5.465	113	197497	47.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.48%		
50) Toluene-d8	8.696	98	718163	46.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.70%		
62) 4-Bromofluorobenzene	11.122	95	285339	47.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	273579	46.88	ug/l	98
3) Chloromethane	1.313	50	254659	48.96	ug/l	99
4) Vinyl Chloride	1.392	62	256769	49.52	ug/l	99
5) Bromomethane	1.624	94	106719	42.84	ug/l	98
6) Chloroethane	1.703	64	149273	50.86	ug/l	99
7) Trichlorofluoromethane	1.910	101	335619	47.71	ug/l	98
8) Diethyl Ether	2.166	74	129522	51.31	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	177295	49.37	ug/l	99
10) Methyl Iodide	2.489	142	256113	50.85	ug/l	95
11) Tert butyl alcohol	3.020	59	251313	266.93	ug/l	99
12) 1,1-Dichloroethene	2.349	96	177559	50.01	ug/l	96
13) Acrolein	2.270	56	184415	259.71	ug/l	99
14) Allyl chloride	2.703	41	324771	49.11	ug/l	93
15) Acrylonitrile	3.117	53	627673	263.39	ug/l	100
16) Acetone	2.422	43	476283	249.08	ug/l	96
17) Carbon Disulfide	2.550	76	509609	44.63	ug/l	99
18) Methyl Acetate	2.745	43	265972	54.44	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	700180	52.71	ug/l	99
20) Methylene Chloride	2.831	84	228988	47.45	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	215089	48.49	ug/l	98
22) Diisopropyl ether	3.825	45	661798	50.92	ug/l	96
23) Vinyl Acetate	3.782	43	2816034	263.34	ug/l	99
24) 1,1-Dichloroethane	3.666	63	388747	49.48	ug/l	99
25) 2-Butanone	4.635	43	796460	265.94	ug/l	100
26) 2,2-Dichloropropane	4.550	77	302468	47.97	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	249282	51.25	ug/l	98
28) Bromochloromethane	4.977	49	150242	44.61	ug/l	99
29) Tetrahydrofuran	5.087	42	520291	269.73	ug/l	97
30) Chloroform	5.178	83	397729	49.25	ug/l	100
31) Cyclohexane	5.544	56	333086	49.12	ug/l	96
32) 1,1,1-Trichloroethane	5.465	97	353488	49.72	ug/l	98
36) 1,1-Dichloropropene	5.769	75	294080	48.01	ug/l	99
37) Ethyl Acetate	4.794	43	302046	52.00	ug/l	99
38) Carbon Tetrachloride	5.751	117	305192	47.38	ug/l	99
39) Methylcyclohexane	7.440	83	319752	45.80	ug/l	99
40) Benzene	6.111	78	891394	49.40	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	169406	52.11	ug/l	99
42) 1,2-Dichloroethane	6.160	62	307238	47.75	ug/l	100
43) Isopropyl Acetate	6.409	43	486885	52.58	ug/l	100
44) Trichloroethene	7.190	130	236008	49.16	ug/l	96
45) 1,2-Dichloropropane	7.489	63	235174	50.01	ug/l	97
46) Dibromomethane	7.635	93	155113	49.14	ug/l	100
47) Bromodichloromethane	7.873	83	316091	47.40	ug/l	100
48) Methyl methacrylate	7.745	41	245425	52.46	ug/l	97
49) 1,4-Dioxane	7.714	88	109731	1000.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1574006	269.36	ug/l	100
52) Toluene	8.763	92	569252	50.18	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	349706	49.83	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	380519	50.29	ug/l	94
55) 1,1,2-Trichloroethane	9.196	97	234856	49.86	ug/l	97
56) Ethyl methacrylate	9.159	69	363053	48.26	ug/l	97
57) 1,3-Dichloropropane	9.348	76	395967	50.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	855864	262.59	ug/l	100
59) 2-Hexanone	9.470	43	1195682	274.85	ug/l	100
60) Dibromochloromethane	9.561	129	256261	49.21	ug/l	100
61) 1,2-Dibromoethane	9.653	107	246499	50.56	ug/l	99
64) Tetrachloroethene	9.317	164	223682	51.09	ug/l	97
65) Chlorobenzene	10.122	112	605658	49.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	229047	49.95	ug/l	100
67) Ethyl Benzene	10.232	91	1098403	51.28	ug/l	100
68) m/p-Xylenes	10.342	106	823398	103.09	ug/l	99
69) o-Xylene	10.683	106	395012	52.58	ug/l	99
70) Styrene	10.695	104	684397	53.06	ug/l	99
71) Bromoform	10.842	173	192324	52.24	ug/l #	100
73) Isopropylbenzene	11.000	105	1074408	52.54	ug/l	99
74) N-amyl acetate	10.878	43	421740	49.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	345402	50.13	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	343540m	52.35	ug/l	
77) Bromobenzene	11.238	156	264930	51.19	ug/l	99
78) n-propylbenzene	11.342	91	1198209	50.75	ug/l	100
79) 2-Chlorotoluene	11.402	91	737398	51.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	890198	50.93	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	121311	51.81	ug/l	97
82) 4-Chlorotoluene	11.494	91	853474	50.00	ug/l	98
83) tert-Butylbenzene	11.750	119	840062	49.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	913346	51.81	ug/l	99
85) sec-Butylbenzene	11.927	105	958869	49.15	ug/l	99
86) p-Isopropyltoluene	12.049	119	883382	48.79	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	462873	49.08	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	454393	46.40	ug/l	97
89) n-Butylbenzene	12.372	91	727060	44.83	ug/l	99
90) Hexachloroethane	12.579	117	150453	46.15	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	447986	49.29	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.981	75	78325	51.29	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	280527	47.60	ug/l	99
94) Hexachlorobutadiene	13.762	225	108041	38.90	ug/l	97
95) Naphthalene	13.817	128	1039074	47.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	283122	49.33	ug/l	97

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

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