

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016841.D
 Acq On : 18 Jun 2020 11:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:49:41 PM

Quant Time: Jun 18 12:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141921	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	118990	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.70	98	471532	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.12	95	175096	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	173734	65.714	ug/l	100
3) Chloromethane	1.31	50	148752	52.973	ug/l	100
4) Vinyl Chloride	1.39	62	192230	62.256	ug/l	100
5) Bromomethane	1.62	94	110633	57.263	ug/l	100
6) Chloroethane	1.71	64	110018	58.504	ug/l	100
7) Trichlorofluoromethane	1.92	101	259150	59.380	ug/l	100
8) Diethyl Ether	2.17	74	95693	53.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133247	59.743	ug/l	100
10) Methyl Iodide	2.49	142	137784	51.036	ug/l	100
11) Tert butyl alcohol	3.01	59	129367	189.437	ug/l	100
12) 1,1-Dichloroethene	2.36	96	137913	54.299	ug/l	100
13) Acrolein	2.27	56	77884	237.883	ug/l	100
14) Allyl chloride	2.71	41	180822	46.924	ug/l	100
15) Acrylonitrile	3.12	53	301190	212.187	ug/l	100
16) Acetone	2.42	43	248785	197.271	ug/l	100
17) Carbon Disulfide	2.55	76	335847	47.505	ug/l	100
18) Methyl Acetate	2.75	43	146361	43.484	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	399548	47.529	ug/l	100
20) Methylene Chloride	2.84	84	128917	46.385	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	128761	48.386	ug/l	100
22) Diisopropyl ether	3.82	45	352238	48.544	ug/l	100
23) Vinyl Acetate	3.78	43	1482053	237.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	219074	48.219	ug/l	100
25) 2-Butanone	4.63	43	394787	208.331	ug/l	100
26) 2,2-Dichloropropane	4.55	77	205132	48.776	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144379	47.435	ug/l	100
28) Bromochloromethane	4.98	49	87686	45.357	ug/l	100
29) Tetrahydrofuran	5.09	42	253318	206.547	ug/l	100
30) Chloroform	5.18	83	230480	47.962	ug/l	100
31) Cyclohexane	5.55	56	193626	56.472	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	218890	50.201	ug/l	100
36) 1,1-Dichloropropene	5.77	75	171154	50.686	ug/l	100
37) Ethyl Acetate	4.79	43	156545	43.172	ug/l	100
38) Carbon Tetrachloride	5.76	117	196649	51.282	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220947	60.417	ug/l	100
40) Benzene	6.12	78	511054	49.643	ug/l	100
41) Methacrylonitrile	5.01	41	86663	44.582	ug/l	100
42) 1,2-Dichloroethane	6.16	62	183029	48.736	ug/l	100
43) Isopropyl Acetate	6.41	43	287285	49.473	ug/l	100
44) Trichloroethene	7.19	130	187546	57.135	ug/l	100
45) 1,2-Dichloropropane	7.49	63	131101	51.607	ug/l	100
46) Dibromomethane	7.64	93	88868	48.381	ug/l	100
47) Bromodichloromethane	7.88	83	186687	48.791	ug/l	100
48) Methyl methacrylate	7.74	41	128874	47.348	ug/l	100
49) 1,4-Dioxane	7.71	88	60193	902.077	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	835394	236.872	ug/l	100
52) Toluene	8.76	92	336705	50.268	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	210668	48.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221908	49.168	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	142146	52.279	ug/l	100
56) Ethyl methacrylate	9.16	69	224881	55.100	ug/l	100
57) 1,3-Dichloropropane	9.35	76	239174	52.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	494047	251.820	ug/l	100
59) 2-Hexanone	9.47	43	630318	232.874	ug/l	100
60) Dibromochloromethane	9.57	129	172818	53.713	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147136	50.201	ug/l	100
64) Tetrachloroethene	9.32	164	181740	46.557	ug/l	100
65) Chlorobenzene	10.12	112	405322	48.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	151856	46.266	ug/l	100
67) Ethyl Benzene	10.24	91	668598	47.954	ug/l	100
68) m/p-Xylenes	10.34	106	508460	96.518	ug/l	100
69) o-Xylene	10.68	106	239315	47.272	ug/l	100
70) Styrene	10.70	104	417292	47.709	ug/l	100
71) Bromoform	10.84	173	125595	45.120	ug/l	100
73) Isopropylbenzene	11.00	105	640653	51.614	ug/l	100
74) N-amyl acetate	10.88	43	232174	48.700	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	170075	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	176212m	44.901	ug/l	
77) Bromobenzene	11.24	156	171379	48.880	ug/l	100
78) n-propylbenzene	11.34	91	726076	53.575	ug/l	100
79) 2-Chlorotoluene	11.40	91	435405	50.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	556945	53.253	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69478	44.881	ug/l	100
82) 4-Chlorotoluene	11.49	91	519373	51.655	ug/l	100
83) tert-Butylbenzene	11.76	119	522316	54.286	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562186	53.113	ug/l	100
85) sec-Butylbenzene	11.93	105	608719	54.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	591627	54.904	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307839	51.578	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303461	49.266	ug/l	100
89) n-Butylbenzene	12.37	91	493591	55.286	ug/l	100
90) Hexachloroethane	12.58	117	107997	53.952	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285335	48.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44392	44.263	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221602	52.452	ug/l	100
94) Hexachlorobutadiene	13.77	225	93726	49.639	ug/l	100
95) Naphthalene	13.82	128	645640	49.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	235149	55.998	ug/l	100

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

