

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014574.D
 Acq On : 11 Jan 2020 06:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:01 AM

Quant Time: Jan 13 01:05:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253680	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	208846	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	808486	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	290166	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282023	50.724	ug/l	99
3) Chloromethane	1.32	50	288195	50.489	ug/l	99
4) Vinyl Chloride	1.41	62	336684	52.933	ug/l	99
5) Bromomethane	1.63	94	194958	46.240	ug/l	100
6) Chloroethane	1.72	64	184289	53.254	ug/l	98
7) Trichlorofluoromethane	1.92	101	362680	50.265	ug/l	98
8) Diethyl Ether	2.18	74	162850	49.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	213827	48.711	ug/l	99
10) Methyl Iodide	2.50	142	301316	57.325	ug/l	99
11) Tert butyl alcohol	3.03	59	282187	270.351	ug/l	99
12) 1,1-Dichloroethene	2.37	96	215563	48.740	ug/l	98
13) Acrolein	2.28	56	177563	212.240	ug/l	99
14) Allyl chloride	2.72	41	377117	48.567	ug/l	99
15) Acrylonitrile	3.13	53	673471	267.336	ug/l	99
16) Acetone	2.43	43	610599	243.498	ug/l	99
17) Carbon Disulfide	2.56	76	561614	45.510	ug/l	100
18) Methyl Acetate	2.76	43	402786	56.060	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	738212	51.996	ug/l	100
20) Methylene Chloride	2.85	84	252235	50.157	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234359	48.538	ug/l	98
22) Diisopropyl ether	3.84	45	793223	52.861	ug/l	99
23) Vinyl Acetate	3.80	43	2875107	247.475	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424824	52.042	ug/l	100
25) 2-Butanone	4.66	43	945809	253.289	ug/l	99
26) 2,2-Dichloropropane	4.58	77	234660	33.935	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	267922	49.637	ug/l	98
28) Bromochloromethane	5.00	49	178269	51.827	ug/l	96
29) Tetrahydrofuran	5.12	42	605896	274.440	ug/l	99
30) Chloroform	5.20	83	415054	52.033	ug/l	99
31) Cyclohexane	5.58	56	392154	51.324	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	352227	51.586	ug/l	100
36) 1,1-Dichloropropene	5.79	75	315675	47.974	ug/l	100
37) Ethyl Acetate	4.82	43	362462	50.712	ug/l	99
38) Carbon Tetrachloride	5.78	117	299432	49.450	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390606	47.249	ug/l	99
40) Benzene	6.14	78	977456	50.049	ug/l	99
41) Methacrylonitrile	5.03	41	201460	52.855	ug/l	98
42) 1,2-Dichloroethane	6.18	62	338902	49.631	ug/l	99
43) Isopropyl Acetate	6.43	43	594471	51.486	ug/l	98
44) Trichloroethene	7.21	130	273044	48.650	ug/l	99
45) 1,2-Dichloropropane	7.51	63	253238	50.860	ug/l	100
46) Dibromomethane	7.65	93	165189	47.533	ug/l	100
47) Bromodichloromethane	7.89	83	323632	51.179	ug/l	97
48) Methyl methacrylate	7.76	41	291527	52.717	ug/l	99
49) 1,4-Dioxane	7.73	88	120865	1031.489	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1872913	266.193	ug/l	100
52) Toluene	8.78	92	613407	49.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	336660	45.729	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	378921	47.646	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249239	49.634	ug/l	99
56) Ethyl methacrylate	9.17	69	404926	52.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	423876	50.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	691343	264.124	ug/l	99
59) 2-Hexanone	9.48	43	1425084	255.982	ug/l	100
60) Dibromochloromethane	9.58	129	258241	51.165	ug/l	98
61) 1,2-Dibromoethane	9.67	107	259720	48.827	ug/l	100
64) Tetrachloroethene	9.33	164	336996	52.909	ug/l	99
65) Chlorobenzene	10.14	112	662212	48.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	244932	49.764	ug/l	100
67) Ethyl Benzene	10.24	91	1172164	49.864	ug/l	99
68) m/p-Xylenes	10.35	106	895364	98.728	ug/l	100
69) o-Xylene	10.70	106	433002	50.041	ug/l	99
70) Styrene	10.71	104	739745	49.538	ug/l	99
71) Bromoform	10.85	173	199229	49.474	ug/l #	99
73) Isopropylbenzene	11.01	105	1135049	50.937	ug/l	99
74) N-amyl acetate	10.89	43	515990	52.486	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	367576	51.437	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	358553m	54.611	ug/l	
77) Bromobenzene	11.25	156	295854	47.876	ug/l	99
78) n-propylbenzene	11.35	91	1280261	50.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	752835	49.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	955505	51.648	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111963	45.085	ug/l	97
82) 4-Chlorotoluene	11.51	91	882011	49.404	ug/l	98
83) tert-Butylbenzene	11.76	119	852434	48.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	957948	51.244	ug/l	100
85) sec-Butylbenzene	11.94	105	1091000	50.206	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013075	50.239	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	525457	47.380	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	522688	50.169	ug/l	99
89) n-Butylbenzene	12.38	91	868881	47.126	ug/l	99
90) Hexachloroethane	12.59	117	175770	49.624	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	536189	49.347	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83235	51.781	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	361870	47.447	ug/l	99
94) Hexachlorobutadiene	13.77	225	172706	48.357	ug/l	100
95) Naphthalene	13.83	128	1113026	47.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	359133	47.974	ug/l	99

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

