

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002567.D
 Acq On : 14 Jun 2018 22:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:55 PM

Quant Time: Jun 15 03:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150499	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	5.51	113	119302	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	8.72	98	445052	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.14	95	172585	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92931	39.618	ug/l	99
3) Chloromethane	1.32	50	117552	43.356	ug/l	99
4) Vinyl Chloride	1.40	62	130339	44.089	ug/l	99
5) Bromomethane	1.64	94	78267	46.553	ug/l	100
6) Chloroethane	1.72	64	87556	45.786	ug/l	98
7) Trichlorofluoromethane	1.93	101	226786	50.349	ug/l	98
8) Diethyl Ether	2.19	74	89720	56.357	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128297	52.782	ug/l	100
10) Methyl Iodide	2.51	142	160307	46.889	ug/l	99
11) Tert butyl alcohol	3.08	59	170929	259.200	ug/l	98
12) 1,1-Dichloroethene	2.37	96	115184	47.951	ug/l	96
13) Acrolein	2.30	56	30849	90.044	ug/l	98
14) Allyl chloride	2.73	41	234695	45.021	ug/l	99
15) Acrylonitrile	3.15	53	390550	285.775	ug/l	99
16) Acetone	2.45	43	355549	256.722	ug/l	99
17) Carbon Disulfide	2.57	76	239447	37.820	ug/l	99
18) Methyl Acetate	2.78	43	189867	59.233	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	486242	58.536	ug/l	98
20) Methylene Chloride	2.86	84	139602	54.993	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125411	47.343	ug/l	98
22) Diisopropyl ether	3.88	45	448594	51.555	ug/l	99
23) Vinyl Acetate	3.83	43	1931830	228.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	233464	45.312	ug/l	99
25) 2-Butanone	4.71	43	505677	228.561	ug/l	100
26) 2,2-Dichloropropane	4.59	77	147725	36.679	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135245	46.946	ug/l	95
28) Bromochloromethane	5.02	49	116195	53.257	ug/l	97
29) Tetrahydrofuran	5.17	42	331179	232.171	ug/l	98
30) Chloroform	5.22	83	241740	48.622	ug/l	97
31) Cyclohexane	5.57	56	183220	44.971	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205438	48.723	ug/l	99
36) 1,1-Dichloropropene	5.80	75	162651	45.258	ug/l	99
37) Ethyl Acetate	4.87	43	203619	47.112	ug/l	100
38) Carbon Tetrachloride	5.78	117	174138	46.317	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185828	41.896	ug/l	98
40) Benzene	6.15	78	500727	45.440	ug/l	100
41) Methacrylonitrile	5.07	41	116923	47.258	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203356	46.449	ug/l	100
43) Isopropyl Acetate	6.47	43	346682	47.225	ug/l	99
44) Trichloroethene	7.22	130	145691	47.638	ug/l	99
45) 1,2-Dichloropropane	7.52	63	139703	46.961	ug/l	99
46) Dibromomethane	7.66	93	93451	46.339	ug/l	99
47) Bromodichloromethane	7.90	83	175015	47.984	ug/l	97
48) Methyl methacrylate	7.78	41	175184	47.508	ug/l	98
49) 1,4-Dioxane	7.76	88	61516	892.224	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1124808	246.043	ug/l	100
52) Toluene	8.79	92	327796	46.771	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	203474	46.520	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	191633	46.438	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143050	49.626	ug/l	99
56) Ethyl methacrylate	9.18	69	222831	48.420	ug/l	99
57) 1,3-Dichloropropane	9.38	76	233149	48.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	535923	251.606	ug/l	100
59) 2-Hexanone	9.50	43	847782	240.089	ug/l	99
60) Dibromochloromethane	9.59	129	147024	50.709	ug/l	99
61) 1,2-Dibromoethane	9.68	107	147979	49.235	ug/l	99
64) Tetrachloroethene	9.34	164	166054	49.184	ug/l	99
65) Chlorobenzene	10.14	112	388676	47.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146232	49.579	ug/l	99
67) Ethyl Benzene	10.26	91	662316	48.585	ug/l	98
68) m/p-Xylenes	10.36	106	508140	95.892	ug/l	100
69) o-Xylene	10.70	106	253312	48.036	ug/l	99
70) Styrene	10.71	104	425189	49.321	ug/l	99
71) Bromoform	10.86	173	113680	43.518	ug/l	99
73) Isopropylbenzene	11.02	105	686136	46.897	ug/l	99
74) N-amyl acetate	6.47	43	346682	43.976	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	211138	45.884	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	210014m	45.508	ug/l	
77) Bromobenzene	11.26	156	191886	46.717	ug/l	98
78) n-propylbenzene	11.37	91	781714	48.071	ug/l	100
79) 2-Chlorotoluene	11.43	91	464925	45.279	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	581293	46.322	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53143	40.366	ug/l	97
82) 4-Chlorotoluene	11.51	91	550065	46.411	ug/l	100
83) tert-Butylbenzene	11.77	119	570145	46.656	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	604577	46.802	ug/l	99
85) sec-Butylbenzene	11.95	105	703063	49.076	ug/l	100
86) p-Isopropyltoluene	12.07	119	634819	48.649	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	347783	47.355	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354196	46.790	ug/l	99
89) n-Butylbenzene	12.39	91	549246	50.187	ug/l	99
90) Hexachloroethane	12.60	117	95804	45.993	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	357636	47.066	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47662	47.365	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263515	49.458	ug/l	99
94) Hexachlorobutadiene	13.79	225	135182	51.344	ug/l	98
95) Naphthalene	13.84	128	749157	48.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269027	49.510	ug/l	99

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

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