

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002733.D
 Acq On : 20 Jun 2018 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:07:41 AM

Quant Time: Jun 21 04:05:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147096	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	
35) Dibromofluoromethane	5.50	113	116550	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.72	98	424366	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.14	95	166147	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111918	45.96	ug/l	98
3) Chloromethane	1.32	50	115664	39.93	ug/l	98
4) Vinyl Chloride	1.40	62	127251	42.33	ug/l	98
5) Bromomethane	1.64	94	68481	37.75	ug/l	100
6) Chloroethane	1.71	64	85316	43.06	ug/l	100
7) Trichlorofluoromethane	1.92	101	218740	44.79	ug/l	98
8) Diethyl Ether	2.19	74	81665	43.96	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124943	45.77	ug/l	99
10) Methyl Iodide	2.51	142	137625	38.66	ug/l	98
11) Tert butyl alcohol	3.07	59	139088	193.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107991	42.13	ug/l	97
13) Acrolein	2.29	56	98677	290.92	ug/l	99
14) Allyl chloride	2.73	41	220266	43.28	ug/l	99
15) Acrylonitrile	3.15	53	328717	209.03	ug/l	100
16) Acetone	2.45	43	347993	226.26	ug/l	100
17) Carbon Disulfide	2.57	76	286187	47.07	ug/l	99
18) Methyl Acetate	2.78	43	178451	43.55	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	419798	43.66	ug/l	100
20) Methylene Chloride	2.85	84	127628	40.47	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	118719	42.69	ug/l	98
22) Diisopropyl ether	3.87	45	435910	47.34	ug/l	97
23) Vinyl Acetate	3.82	43	1907435	247.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231017	46.23	ug/l	100
25) 2-Butanone	4.71	43	459385	227.44	ug/l	98
26) 2,2-Dichloropropane	4.59	77	171371	47.72	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131054	46.32	ug/l	93
28) Bromochloromethane	5.02	49	100990	43.15	ug/l	96
29) Tetrahydrofuran	5.16	42	286976	216.79	ug/l	97
30) Chloroform	5.21	83	230555	47.84	ug/l	99
31) Cyclohexane	5.57	56	186938	45.43	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	194905	48.36	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163673	49.18	ug/l	99
37) Ethyl Acetate	4.86	43	178208	47.31	ug/l	99
38) Carbon Tetrachloride	5.78	117	175689	53.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194402	49.97	ug/l	97
40) Benzene	6.15	78	485526	48.65	ug/l	99
41) Methacrylonitrile	5.06	41	102808	48.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	194551	50.36	ug/l	100
43) Isopropyl Acetate	6.46	43	299768	48.03	ug/l	99
44) Trichloroethene	7.21	130	142555	49.49	ug/l	100
45) 1,2-Dichloropropane	7.52	63	130029	49.51	ug/l	100
46) Dibromomethane	7.67	93	90665	51.61	ug/l	97
47) Bromodichloromethane	7.90	83	168940	54.52	ug/l	97
48) Methyl methacrylate	7.78	41	157552	49.40	ug/l	98
49) 1,4-Dioxane	7.76	88	52253	865.15	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	967799	241.51	ug/l	99
52) Toluene	8.79	92	315190	49.51	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	201449	49.16	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	188919	48.39	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133941	52.07	ug/l	98
56) Ethyl methacrylate	9.18	69	201554	50.92	ug/l	98
57) 1,3-Dichloropropane	9.37	76	217890	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	440236	229.94	ug/l	99
59) 2-Hexanone	9.50	43	739272	244.82	ug/l	98
60) Dibromochloromethane	9.59	129	140500	48.67	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141271	53.03	ug/l	99
64) Tetrachloroethene	9.34	164	156316	45.95	ug/l	97
65) Chlorobenzene	10.14	112	371687	49.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	136925	53.36	ug/l	99
67) Ethyl Benzene	10.26	91	626607	49.36	ug/l	98
68) m/p-Xylenes	10.36	106	490077	100.08	ug/l	99
69) o-Xylene	10.70	106	239414	49.76	ug/l	98
70) Styrene	10.71	104	406097	51.32	ug/l	99
71) Bromoform	10.86	173	110871	47.71	ug/l	99
73) Isopropylbenzene	11.02	105	643573	47.78	ug/l	100
74) N-amyl acetate	6.46	43	299768	44.79	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	199756	50.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	200241m	52.69	ug/l	
77) Bromobenzene	11.26	156	183986	49.03	ug/l	96
78) n-propylbenzene	11.37	91	741492	48.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	437752	47.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	552451	48.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54789	46.45	ug/l	97
82) 4-Chlorotoluene	11.51	91	530344	48.73	ug/l	99
83) tert-Butylbenzene	11.77	119	533182	48.62	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	574555	49.46	ug/l	99
85) sec-Butylbenzene	11.95	105	656716	48.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	608064	49.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	335982	48.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	344878	49.25	ug/l	98
89) n-Butylbenzene	12.39	91	532627	48.93	ug/l	100
90) Hexachloroethane	12.60	117	86255	45.12	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	339728	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42736	51.29	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253394	50.41	ug/l	99
94) Hexachlorobutadiene	13.79	225	131013	49.47	ug/l	98
95) Naphthalene	13.84	128	692821	51.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	255630	50.63	ug/l	100

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

