

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003094.D
 Acq On : 30 Jun 2018 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:40 PM

Quant Time: Jul 02 04:33:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184761	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.51	113	154902	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.72	98	547005	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	214635	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145156	58.20	ug/l	100
3) Chloromethane	1.32	50	138217	53.41	ug/l	100
4) Vinyl Chloride	1.41	62	158752	50.21	ug/l	94
5) Bromomethane	1.64	94	58449	39.00	ug/l	99
6) Chloroethane	1.71	64	98533	53.25	ug/l	98
7) Trichlorofluoromethane	1.92	101	247693	46.44	ug/l	98
8) Diethyl Ether	2.19	74	93678	48.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142958	46.26	ug/l	98
10) Methyl Iodide	2.51	142	144203	46.51	ug/l	98
11) Tert butyl alcohol	3.09	59	176950	229.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130381	47.28	ug/l	93
13) Acrolein	2.29	56	62229	147.56	ug/l	99
14) Allyl chloride	2.73	41	253316	46.60	ug/l	95
15) Acrylonitrile	3.15	53	403474	245.36	ug/l	100
16) Acetone	2.45	43	371132	231.89	ug/l	97
17) Carbon Disulfide	2.57	76	338415	46.06	ug/l	97
18) Methyl Acetate	2.78	43	211366	47.24	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	475405	47.96	ug/l	99
20) Methylene Chloride	2.86	84	148352	47.63	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	140642	46.83	ug/l	94
22) Diisopropyl ether	3.88	45	511695	49.25	ug/l	99
23) Vinyl Acetate	3.83	43	2169033	246.54	ug/l	98
24) 1,1-Dichloroethane	3.70	63	267483	47.36	ug/l	100
25) 2-Butanone	4.71	43	602694	253.74	ug/l	97
26) 2,2-Dichloropropane	4.59	77	158130	34.44	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	169682	50.39	ug/l	91
28) Bromochloromethane	5.02	49	131736	48.74	ug/l	91
29) Tetrahydrofuran	5.17	42	382534	251.14	ug/l	96
30) Chloroform	5.22	83	283862	48.98	ug/l	98
31) Cyclohexane	5.57	56	233290	48.14	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	253243	49.66	ug/l	98
36) 1,1-Dichloropropene	5.80	75	201763	48.12	ug/l	98
37) Ethyl Acetate	4.87	43	233534	51.73	ug/l	99
38) Carbon Tetrachloride	5.79	117	225626	49.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226398	46.36	ug/l	96
40) Benzene	6.15	78	608449	49.95	ug/l	100
41) Methacrylonitrile	5.07	41	134800	51.86	ug/l	97
42) 1,2-Dichloroethane	6.20	62	232876	47.32	ug/l	99
43) Isopropyl Acetate	6.47	43	376246	49.69	ug/l	98
44) Trichloroethene	7.22	130	177913	48.98	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160325	49.61	ug/l	99
46) Dibromomethane	7.66	93	110217	49.15	ug/l	96
47) Bromodichloromethane	7.90	83	209633	50.56	ug/l	96
48) Methyl methacrylate	7.78	41	194359	49.82	ug/l	95
49) 1,4-Dioxane	7.76	88	79390	1046.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1217905	257.11	ug/l	97
52) Toluene	8.79	92	393512	50.42	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	238195	50.73	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	218821	48.43	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	163101	50.86	ug/l	98
56) Ethyl methacrylate	9.19	69	248625	53.05	ug/l	95
57) 1,3-Dichloropropane	9.38	76	265955	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580397	256.68	ug/l	97
59) 2-Hexanone	9.50	43	926435	257.34	ug/l	97
60) Dibromochloromethane	9.59	129	177583	52.60	ug/l	100
61) 1,2-Dibromoethane	9.68	107	172520	51.29	ug/l	100
64) Tetrachloroethene	9.34	164	210719	51.67	ug/l	99
65) Chlorobenzene	10.14	112	459095	49.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171962	50.82	ug/l	99
67) Ethyl Benzene	10.26	91	773429	50.26	ug/l	100
68) m/p-Xylenes	10.37	106	600052	101.18	ug/l	98
69) o-Xylene	10.70	106	293776	50.87	ug/l	98
70) Styrene	10.71	104	492651	52.50	ug/l	98
71) Bromoform	10.86	173	138696	45.72	ug/l	100
73) Isopropylbenzene	11.02	105	795486	51.38	ug/l	100
74) N-amyl acetate	6.47	43	376246	49.67	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	244513	51.27	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	238023m	57.10	ug/l	
77) Bromobenzene	11.26	156	221679	50.28	ug/l	97
78) n-propylbenzene	11.37	91	885615	50.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	533475	50.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	664354	50.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59903	42.25	ug/l	100
82) 4-Chlorotoluene	11.51	91	627007	49.64	ug/l	99
83) tert-Butylbenzene	11.77	119	651215	50.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	685170	50.71	ug/l	99
85) sec-Butylbenzene	11.95	105	776091	49.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	698290	49.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	405065	50.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405603	48.94	ug/l	99
89) n-Butylbenzene	12.39	91	580316	47.57	ug/l	99
90) Hexachloroethane	12.60	117	103266	49.53	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	404897	49.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54532	50.86	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293704	49.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	143088	48.50	ug/l	99
95) Naphthalene	13.84	128	852249	54.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301802	51.08	ug/l	99

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

