

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002976.D
 Acq On : 28 Jun 2018 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/28/2018 4:55:55 PM

Quant Time: Jun 28 16:13:13 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	265804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192428	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	5.51	113	156630	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	558196	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	216667	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153126	64.61	ug/l	99
3) Chloromethane	1.32	50	155235	63.32	ug/l	99
4) Vinyl Chloride	1.41	62	165298	54.99	ug/l	# 86
5) Bromomethane	1.64	94	38358	26.03	ug/l	99
6) Chloroethane	1.72	64	124773	71.67	ug/l	97
7) Trichlorofluoromethane	1.93	101	261231	51.52	ug/l	100
8) Diethyl Ether	2.19	74	95068	51.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142267	48.42	ug/l	98
10) Methyl Iodide	2.51	142	88127	32.12	ug/l	99
11) Tert butyl alcohol	3.08	59	179475	245.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134614	51.35	ug/l	99
13) Acrolein	2.30	56	81599	201.93	ug/l	99
14) Allyl chloride	2.73	41	251503	48.67	ug/l	97
15) Acrylonitrile	3.15	53	404687	258.87	ug/l	99
16) Acetone	2.45	43	375894	247.06	ug/l	97
17) Carbon Disulfide	2.57	76	416602	59.65	ug/l	97
18) Methyl Acetate	2.78	43	189716	44.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	480950	51.03	ug/l	99
20) Methylene Chloride	2.86	84	148127	50.03	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144875	50.74	ug/l	94
22) Diisopropyl ether	3.88	45	512113	51.85	ug/l	99
23) Vinyl Acetate	3.83	43	2274285	271.91	ug/l	99
24) 1,1-Dichloroethane	3.70	63	273907	51.02	ug/l	100
25) 2-Butanone	4.71	43	592375	262.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121135	27.75	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	163281	51.00	ug/l	92
28) Bromochloromethane	5.03	49	134631	52.39	ug/l	95
29) Tetrahydrofuran	5.17	42	383658	264.95	ug/l	98
30) Chloroform	5.22	83	285452	51.81	ug/l	99
31) Cyclohexane	5.58	56	242459	52.62	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	259841	53.60	ug/l	99
36) 1,1-Dichloropropene	5.81	75	208161	50.19	ug/l	100
37) Ethyl Acetate	4.87	43	237285	53.14	ug/l	100
38) Carbon Tetrachloride	5.79	117	235366	51.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239766	49.64	ug/l	98
40) Benzene	6.15	78	613669	50.93	ug/l	99
41) Methacrylonitrile	5.07	41	132677	51.60	ug/l	99
42) 1,2-Dichloroethane	6.20	62	237485	48.79	ug/l	100
43) Isopropyl Acetate	6.47	43	382214	51.04	ug/l	98
44) Trichloroethene	7.22	130	178502	49.69	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161011	50.37	ug/l	99
46) Dibromomethane	7.67	93	112078	50.53	ug/l	97
47) Bromodichloromethane	7.90	83	217914	53.14	ug/l	97
48) Methyl methacrylate	7.78	41	200154	51.87	ug/l	97
49) 1,4-Dioxane	7.76	88	74233	988.82	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1227857	262.06	ug/l	98
52) Toluene	8.79	92	394936	51.16	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228388	49.18	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	214460	47.99	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162133	51.11	ug/l	97
56) Ethyl methacrylate	9.18	69	249236	53.76	ug/l	96
57) 1,3-Dichloropropane	9.38	76	266698	51.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	579302	259.02	ug/l	98
59) 2-Hexanone	9.50	43	941446	264.38	ug/l	97
60) Dibromochloromethane	9.59	129	182678	54.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173572	52.17	ug/l	100
64) Tetrachloroethene	9.34	164	187570	46.38	ug/l	99
65) Chlorobenzene	10.14	112	453726	49.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	171589	51.13	ug/l	100
67) Ethyl Benzene	10.26	91	776468	50.88	ug/l	99
68) m/p-Xylenes	10.36	106	601645	102.29	ug/l	99
69) o-Xylene	10.70	106	294413	51.41	ug/l	99
70) Styrene	10.71	104	488465	52.49	ug/l	99
71) Bromoform	10.86	173	146032	48.30	ug/l #	99
73) Isopropylbenzene	11.02	105	798770	51.21	ug/l	100
74) N-amyl acetate	6.47	43	382214	50.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	252431	52.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206123m	49.08	ug/l	
77) Bromobenzene	11.26	156	219121	49.33	ug/l	98
78) n-propylbenzene	11.37	91	899516	50.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	532029	49.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	673658	51.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50711	36.04	ug/l	99
82) 4-Chlorotoluene	11.51	91	638651	50.19	ug/l	100
83) tert-Butylbenzene	11.77	119	670705	51.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691913	50.83	ug/l	98
85) sec-Butylbenzene	11.95	105	795567	50.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	716629	50.75	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397150	48.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402843	48.25	ug/l	99
89) n-Butylbenzene	12.39	91	596526	48.53	ug/l	99
90) Hexachloroethane	12.60	117	99888	47.56	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	401268	49.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58264	53.94	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	296521	49.76	ug/l	100
94) Hexachlorobutadiene	13.79	225	143219	48.18	ug/l	98
95) Naphthalene	13.84	128	857809	54.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306126	51.43	ug/l	100

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

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