

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002782.D
 Acq On : 21 Jun 2018 10:32
 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 1:59:15 PM

Quant Time: Jun 22 01:18:15 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	245431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161150	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
35) Dibromofluoromethane	5.51	113	130619	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.72	98	469817	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	186794	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	115487	44.32	ug/l	98
3) Chloromethane	1.32	50	127484	41.13	ug/l	100
4) Vinyl Chloride	1.40	62	137467	42.74	ug/l	99
5) Bromomethane	1.64	94	60369	31.11	ug/l	100
6) Chloroethane	1.71	64	90755	42.81	ug/l	96
7) Trichlorofluoromethane	1.93	101	247443	47.35	ug/l	99
8) Diethyl Ether	2.19	74	86934	43.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140872	48.23	ug/l	99
10) Methyl Iodide	2.51	142	121960	32.92	ug/l	99
11) Tert butyl alcohol	3.07	59	156110	202.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123211	44.93	ug/l	98
13) Acrolein	2.29	56	128654	353.03	ug/l	100
14) Allyl chloride	2.73	41	243085	44.64	ug/l	98
15) Acrylonitrile	3.15	53	364118	216.42	ug/l	99
16) Acetone	2.45	43	408031	247.97	ug/l	98
17) Carbon Disulfide	2.57	76	341297	52.47	ug/l	99
18) Methyl Acetate	2.78	43	207531	47.34	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	446225	43.37	ug/l	97
20) Methylene Chloride	2.85	84	138481	41.05	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	133471	44.86	ug/l	95
22) Diisopropyl ether	3.87	45	471931	47.91	ug/l	95
23) Vinyl Acetate	3.82	43	2070869	251.16	ug/l	100
24) 1,1-Dichloroethane	3.70	63	256462	47.97	ug/l	100
25) 2-Butanone	4.71	43	537047	248.52	ug/l	97
26) 2,2-Dichloropropane	4.59	77	201232	52.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147773	48.82	ug/l	96
28) Bromochloromethane	5.02	49	116373	46.48	ug/l	95
29) Tetrahydrofuran	5.17	42	332105	234.50	ug/l	98
30) Chloroform	5.21	83	258736	50.18	ug/l	99
31) Cyclohexane	5.57	56	224984	51.11	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	229749	53.28	ug/l	100
36) 1,1-Dichloropropene	5.80	75	191252	55.08	ug/l	99
37) Ethyl Acetate	4.86	43	202359	51.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	211325	61.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235315	57.97	ug/l	98
40) Benzene	6.15	78	553183	53.13	ug/l	98
41) Methacrylonitrile	5.06	41	115218	51.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218196	54.13	ug/l	100
43) Isopropyl Acetate	6.46	43	333911	51.28	ug/l	99
44) Trichloroethene	7.21	130	163199	54.31	ug/l	96
45) 1,2-Dichloropropane	7.52	63	147327	53.77	ug/l	99
46) Dibromomethane	7.67	93	101141	55.18	ug/l	98
47) Bromodichloromethane	7.90	83	195529	60.48	ug/l	98
48) Methyl methacrylate	7.78	41	177975	53.49	ug/l	97
49) 1,4-Dioxane	7.76	88	63280	1004.28	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1097211	262.45	ug/l	100
52) Toluene	8.79	92	364029	54.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226700	52.83	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	211523	51.70	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	147594	55.00	ug/l	98
56) Ethyl methacrylate	9.18	69	218426	52.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241260	53.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	521008	260.84	ug/l	98
59) 2-Hexanone	9.50	43	858400	272.49	ug/l	98
60) Dibromochloromethane	9.59	129	162204	53.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159137	57.26	ug/l	99
64) Tetrachloroethene	9.34	164	189032	53.10	ug/l	97
65) Chlorobenzene	10.14	112	423393	53.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157463	58.64	ug/l	99
67) Ethyl Benzene	10.26	91	725507	54.61	ug/l	100
68) m/p-Xylenes	10.36	106	571478	111.51	ug/l	100
69) o-Xylene	10.70	106	273116	54.24	ug/l	99
70) Styrene	10.71	104	455958	55.06	ug/l	99
71) Bromoform	10.86	173	127323	51.88	ug/l #	99
73) Isopropylbenzene	11.02	105	752618	53.41	ug/l	100
74) N-amyl acetate	6.46	43	333911	47.69	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	222184	53.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193142m	48.58	ug/l	
77) Bromobenzene	11.26	156	205700	52.39	ug/l	98
78) n-propylbenzene	11.37	91	871808	53.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	509664	52.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643502	54.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60537	48.83	ug/l	94
82) 4-Chlorotoluene	11.51	91	612343	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	617498	53.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	664168	54.65	ug/l	99
85) sec-Butylbenzene	11.95	105	767709	53.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	707933	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384510	53.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387526	52.90	ug/l	99
89) n-Butylbenzene	12.39	91	624785	54.87	ug/l	100
90) Hexachloroethane	12.60	117	104128	51.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385028	53.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48953	56.16	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	286684	54.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	153223	55.31	ug/l	99
95) Naphthalene	13.84	128	760548	53.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284554	53.87	ug/l	100

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

