

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003042.D
 Acq On : 29 Jun 2018 21:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:30 PM

Quant Time: Jun 30 00:31:14 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	273193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184157	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	5.51	113	153284	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	538614	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	207950	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	147634	60.59	ug/l	99
3) Chloromethane	1.32	50	147016	58.25	ug/l	99
4) Vinyl Chloride	1.40	62	160096	51.82	ug/l	95
5) Bromomethane	1.64	94	50799	34.37	ug/l	99
6) Chloroethane	1.72	64	104656	58.08	ug/l	98
7) Trichlorofluoromethane	1.92	101	251122	48.19	ug/l	99
8) Diethyl Ether	2.19	74	92424	48.78	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143802	47.62	ug/l	99
10) Methyl Iodide	2.51	142	124585	41.84	ug/l	98
11) Tert butyl alcohol	3.09	59	173982	231.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131536	48.82	ug/l	91
13) Acrolein	2.29	56	94147	226.17	ug/l	100
14) Allyl chloride	2.73	41	254985	48.01	ug/l	96
15) Acrylonitrile	3.15	53	404895	252.00	ug/l	99
16) Acetone	2.45	43	365210	233.54	ug/l	96
17) Carbon Disulfide	2.57	76	359352	50.06	ug/l	99
18) Methyl Acetate	2.78	43	198124	45.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	460635	47.56	ug/l	99
20) Methylene Chloride	2.86	84	146718	48.21	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140332	47.82	ug/l	96
22) Diisopropyl ether	3.88	45	496603	48.92	ug/l	99
23) Vinyl Acetate	3.83	43	2185088	254.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262219	47.52	ug/l	99
25) 2-Butanone	4.71	43	593315	255.65	ug/l	97
26) 2,2-Dichloropropane	4.59	77	167101	37.24	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	162247	49.31	ug/l	92
28) Bromochloromethane	5.02	49	131387	49.75	ug/l	93
29) Tetrahydrofuran	5.17	42	383356	257.58	ug/l	97
30) Chloroform	5.22	83	281788	49.76	ug/l	98
31) Cyclohexane	5.57	56	232101	49.01	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	249288	50.03	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203754	49.42	ug/l	98
37) Ethyl Acetate	4.87	43	230957	52.03	ug/l	99
38) Carbon Tetrachloride	5.78	117	225855	49.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224624	46.77	ug/l	98
40) Benzene	6.15	78	602847	50.32	ug/l	99
41) Methacrylonitrile	5.07	41	131157	51.31	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232183	47.98	ug/l	99
43) Isopropyl Acetate	6.47	43	366193	49.19	ug/l	98
44) Trichloroethene	7.21	130	176443	49.40	ug/l	98
45) 1,2-Dichloropropane	7.53	63	156917	49.38	ug/l	100
46) Dibromomethane	7.67	93	109826	49.80	ug/l	97
47) Bromodichloromethane	7.90	83	208248	51.08	ug/l	98
48) Methyl methacrylate	7.78	41	191071	49.81	ug/l	96
49) 1,4-Dioxane	7.76	88	76582	1026.10	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1207848	259.30	ug/l	98
52) Toluene	8.79	92	387128	50.45	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	234240	50.73	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	212023	47.73	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160610	50.93	ug/l	98
56) Ethyl methacrylate	9.18	69	240148	52.11	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260153	50.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583290	262.33	ug/l	97
59) 2-Hexanone	9.50	43	920681	260.07	ug/l	97
60) Dibromochloromethane	9.59	129	172247	51.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	169236	51.16	ug/l	100
64) Tetrachloroethene	9.34	164	199796	50.53	ug/l	99
65) Chlorobenzene	10.14	112	446643	49.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166203	50.65	ug/l	100
67) Ethyl Benzene	10.26	91	753965	50.53	ug/l	100
68) m/p-Xylenes	10.36	106	587504	102.17	ug/l	99
69) o-Xylene	10.70	106	286961	51.25	ug/l	98
70) Styrene	10.71	104	482676	53.05	ug/l	99
71) Bromoform	10.86	173	135531	46.05	ug/l	100
73) Isopropylbenzene	11.02	105	769706	51.04	ug/l	100
74) N-amyl acetate	6.47	43	366193	49.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238313	51.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235218m	57.93	ug/l	
77) Bromobenzene	11.26	156	216621	50.44	ug/l	97
78) n-propylbenzene	11.37	91	861384	50.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	516732	49.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	639117	50.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	59195	42.82	ug/l	99
82) 4-Chlorotoluene	11.51	91	613827	49.89	ug/l	100
83) tert-Butylbenzene	11.77	119	626554	50.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	662215	50.32	ug/l	98
85) sec-Butylbenzene	11.95	105	741327	48.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	672334	49.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	387747	49.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392436	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	562536	47.34	ug/l	99
90) Hexachloroethane	12.60	117	97975	48.25	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	392351	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54779	52.46	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	279602	48.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	137167	47.73	ug/l	98
95) Naphthalene	13.83	128	817114	53.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	285221	49.56	ug/l	100

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

