

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003096.D
 Acq On : 30 Jun 2018 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:44 PM

Quant Time: Jul 02 05:15:47 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	278895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168347	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	5.51	113	140272	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.72	98	494178	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
62) 4-Bromofluorobenzene	11.14	95	194779	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	139441	56.03	ug/l	98
3) Chloromethane	1.32	50	136069	52.69	ug/l	99
4) Vinyl Chloride	1.40	62	154702	49.05	ug/l	96
5) Bromomethane	1.64	94	78817	53.74	ug/l	99
6) Chloroethane	1.72	64	98258	53.24	ug/l	100
7) Trichlorofluoromethane	1.92	101	242399	45.56	ug/l	99
8) Diethyl Ether	2.19	74	91793	47.46	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136775	44.37	ug/l	97
10) Methyl Iodide	2.51	142	154459	49.48	ug/l	97
11) Tert butyl alcohol	3.09	59	179040	233.15	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128261	46.63	ug/l	92
13) Acrolein	2.29	56	75897	179.49	ug/l	97
14) Allyl chloride	2.73	41	246746	45.51	ug/l	95
15) Acrylonitrile	3.15	53	407472	248.42	ug/l	99
16) Acetone	2.45	43	366713	229.71	ug/l	96
17) Carbon Disulfide	2.57	76	327124	44.64	ug/l	98
18) Methyl Acetate	2.78	43	200825	44.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	467307	47.26	ug/l	100
20) Methylene Chloride	2.86	84	145134	46.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	138818	46.34	ug/l	93
22) Diisopropyl ether	3.88	45	517814	49.96	ug/l	99
23) Vinyl Acetate	3.83	43	2213191	252.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	266297	47.27	ug/l	98
25) 2-Butanone	4.71	43	601635	253.94	ug/l	98
26) 2,2-Dichloropropane	4.59	77	148370	32.39	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	166094	49.45	ug/l	91
28) Bromochloromethane	5.03	49	124672	46.24	ug/l	91
29) Tetrahydrofuran	5.17	42	384653	253.17	ug/l	97
30) Chloroform	5.22	83	279710	48.38	ug/l	99
31) Cyclohexane	5.57	56	226462	46.84	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	247367	48.63	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199985	47.84	ug/l	99
37) Ethyl Acetate	4.87	43	230353	51.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	220071	47.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219090	45.00	ug/l	97
40) Benzene	6.15	78	594241	48.93	ug/l	98
41) Methacrylonitrile	5.07	41	130634	50.40	ug/l	98
42) 1,2-Dichloroethane	6.20	62	229353	46.75	ug/l	99
43) Isopropyl Acetate	6.47	43	372300	49.32	ug/l	98
44) Trichloroethene	7.22	130	174253	48.12	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158176	49.10	ug/l	100
46) Dibromomethane	7.67	93	107030	47.87	ug/l	95
47) Bromodichloromethane	7.90	83	206481	49.95	ug/l	99
48) Methyl methacrylate	7.78	41	191495	49.24	ug/l	95
49) 1,4-Dioxane	7.76	88	78814	1041.56	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1216453	257.58	ug/l	98
52) Toluene	8.79	92	384602	49.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228718	48.86	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	212273	47.13	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	159775	49.97	ug/l	98
56) Ethyl methacrylate	9.18	69	245341	52.51	ug/l	94
57) 1,3-Dichloropropane	9.38	76	262364	49.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	587909	260.79	ug/l	97
59) 2-Hexanone	9.50	43	925185	257.77	ug/l	96
60) Dibromochloromethane	9.59	129	173630	51.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	170169	50.74	ug/l	100
64) Tetrachloroethene	9.34	164	202120	49.69	ug/l	97
65) Chlorobenzene	10.14	112	447933	48.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169114	50.10	ug/l	99
67) Ethyl Benzene	10.26	91	754685	49.17	ug/l	100
68) m/p-Xylenes	10.36	106	590669	99.85	ug/l	98
69) o-Xylene	10.70	106	285972	49.65	ug/l	100
70) Styrene	10.71	104	485841	51.91	ug/l	99
71) Bromoform	10.86	173	137370	45.43	ug/l #	99
73) Isopropylbenzene	11.02	105	782630	50.80	ug/l	100
74) N-amyl acetate	6.47	43	372300	49.39	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	242422	51.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	237485m	57.25	ug/l	
77) Bromobenzene	11.26	156	219186	49.96	ug/l	97
78) n-propylbenzene	11.37	91	872141	49.74	ug/l	99
79) 2-Chlorotoluene	11.43	91	525177	49.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	653316	50.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58451	41.50	ug/l	99
82) 4-Chlorotoluene	11.51	91	619370	49.28	ug/l	98
83) tert-Butylbenzene	11.77	119	645125	50.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	675394	50.24	ug/l	98
85) sec-Butylbenzene	11.95	105	764375	49.27	ug/l	99
86) p-Isopropyltoluene	12.07	119	696728	49.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393249	49.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	400386	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	575592	47.42	ug/l	99
90) Hexachloroethane	12.60	117	100679	48.53	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	399122	49.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53831	50.46	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289809	49.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	139182	47.41	ug/l	98
95) Naphthalene	13.84	128	837870	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295888	50.33	ug/l	99

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

