

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003071.D
 Acq On : 30 Jun 2018 10:57
 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
 7/2/2018 4:19:06 PM

Quant Time: Jul 02 03:10:50 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	298929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181810	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
35) Dibromofluoromethane	5.50	113	152814	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	8.72	98	544111	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	206264	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	145353	54.49	ug/l	97
3) Chloromethane	1.32	50	135000	48.69	ug/l	99
4) Vinyl Chloride	1.40	62	152403	45.08	ug/l	96
5) Bromomethane	1.64	94	78671	49.84	ug/l	100
6) Chloroethane	1.72	64	94853	47.73	ug/l	98
7) Trichlorofluoromethane	1.93	101	249407	43.74	ug/l	98
8) Diethyl Ether	2.19	74	90251	43.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148587	44.97	ug/l	98
10) Methyl Iodide	2.51	142	137538	42.16	ug/l	98
11) Tert butyl alcohol	3.07	59	160527	195.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128368	43.54	ug/l	93
13) Acrolein	2.29	56	86524	190.64	ug/l	99
14) Allyl chloride	2.73	41	252846	43.51	ug/l	96
15) Acrylonitrile	3.15	53	367665	209.13	ug/l	100
16) Acetone	2.45	43	468566	273.84	ug/l	97
17) Carbon Disulfide	2.57	76	338292	43.07	ug/l	98
18) Methyl Acetate	2.78	43	177127	37.02	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	457869	43.20	ug/l	99
20) Methylene Chloride	2.85	84	141716	42.56	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138490	43.13	ug/l	96
22) Diisopropyl ether	3.87	45	480119	43.22	ug/l	99
23) Vinyl Acetate	3.82	43	2086593	221.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258382	42.79	ug/l	100
25) 2-Butanone	4.70	43	610249	240.31	ug/l	99
26) 2,2-Dichloropropane	4.58	77	230634	46.98	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	166642	46.29	ug/l	94
28) Bromochloromethane	5.02	49	129692	44.88	ug/l	91
29) Tetrahydrofuran	5.16	42	345756	212.32	ug/l	96
30) Chloroform	5.21	83	283662	45.78	ug/l	96
31) Cyclohexane	5.57	56	237276	45.79	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	254078	46.61	ug/l	98
36) 1,1-Dichloropropene	5.80	75	208583	47.92	ug/l	99
37) Ethyl Acetate	4.86	43	216009	46.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	229316	48.01	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242086	47.75	ug/l	96
40) Benzene	6.15	78	609686	48.21	ug/l	100
41) Methacrylonitrile	5.06	41	125172	46.38	ug/l	98
42) 1,2-Dichloroethane	6.20	62	229898	45.00	ug/l	98
43) Isopropyl Acetate	6.46	43	354292	45.08	ug/l	98
44) Trichloroethene	7.21	130	181607	48.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	159280	47.48	ug/l	98
46) Dibromomethane	7.67	93	108583	46.64	ug/l	95
47) Bromodichloromethane	7.90	83	208975	48.55	ug/l	97
48) Methyl methacrylate	7.78	41	184659	45.60	ug/l	95
49) 1,4-Dioxane	7.76	88	71481	907.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1118586	227.47	ug/l	98
52) Toluene	8.79	92	395396	48.80	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	245817	50.43	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	229092	48.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160303	48.15	ug/l	97
56) Ethyl methacrylate	9.18	69	239634	49.25	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258517	47.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	587355	250.22	ug/l	97
59) 2-Hexanone	9.50	43	876079	234.41	ug/l	97
60) Dibromochloromethane	9.59	129	171666	48.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	166145	47.58	ug/l	100
64) Tetrachloroethene	9.34	164	202334	49.25	ug/l	97
65) Chlorobenzene	10.14	112	453023	48.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168606	49.46	ug/l	99
67) Ethyl Benzene	10.26	91	771771	49.78	ug/l	99
68) m/p-Xylenes	10.36	106	603901	101.07	ug/l	98
69) o-Xylene	10.70	106	289709	49.80	ug/l	98
70) Styrene	10.71	104	491035	51.94	ug/l	99
71) Bromoform	10.86	173	133530	43.87	ug/l	99
73) Isopropylbenzene	11.02	105	785031	50.64	ug/l	100
74) N-amyl acetate	6.46	43	354292	46.71	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225168	47.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226927m	54.36	ug/l	
77) Bromobenzene	11.26	156	214413	48.57	ug/l	97
78) n-propylbenzene	11.37	91	887950	50.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	524529	49.10	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	657510	50.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63191	44.33	ug/l	98
82) 4-Chlorotoluene	11.51	91	624895	49.41	ug/l	99
83) tert-Butylbenzene	11.77	119	641820	49.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	673005	49.75	ug/l	98
85) sec-Butylbenzene	11.95	105	778398	49.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	715455	50.98	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	399297	49.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	404138	48.70	ug/l	99
89) n-Butylbenzene	12.39	91	619801	50.74	ug/l	99
90) Hexachloroethane	12.60	117	99298	47.57	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	397017	48.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48606	45.28	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300485	50.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	153499	51.96	ug/l	99
95) Naphthalene	13.84	128	797576	50.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295696	49.98	ug/l	99

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

