

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002390.D
 Acq On : 07 Jun 2018 20:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:29 PM

Quant Time: Jun 08 03:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74390	25.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.70%	
35) Dibromofluoromethane	5.51	113	57068	23.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.18%	
50) Toluene-d8	8.72	98	205013	21.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.28%	
62) 4-Bromofluorobenzene	11.14	95	81049	22.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	78562	39.977	ug/l	99
3) Chloromethane	1.32	50	118153	52.623	ug/l	98
4) Vinyl Chloride	1.41	62	119883	48.403	ug/l	99
5) Bromomethane	1.64	94	79257	57.015	ug/l	99
6) Chloroethane	1.71	64	89158	55.650	ug/l	99
7) Trichlorofluoromethane	1.92	101	180609	47.861	ug/l	97
8) Diethyl Ether	2.19	74	93184	70.468	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92611	45.477	ug/l	99
10) Methyl Iodide	2.51	142	140626	49.096	ug/l	100
11) Tert butyl alcohol	3.09	59	186196	343.468	ug/l	98
12) 1,1-Dichloroethene	2.37	96	101910	50.638	ug/l	97
13) Acrolein	2.29	56	64308	239.157	ug/l	100
14) Allyl chloride	2.73	41	229217	52.483	ug/l	99
15) Acrylonitrile	3.15	53	403422	354.691	ug/l	100
16) Acetone	2.45	43	378603	331.919	ug/l	100
17) Carbon Disulfide	2.57	76	232545	43.841	ug/l	98
18) Methyl Acetate	2.78	43	196231	73.738	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	488539	70.700	ug/l	99
20) Methylene Chloride	2.86	84	142514	67.648	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	119327	53.767	ug/l	98
22) Diisopropyl ether	3.88	45	448140	61.769	ug/l	99
23) Vinyl Acetate	3.83	43	1991206	281.238	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214951	49.796	ug/l	99
25) 2-Butanone	4.71	43	524920	283.193	ug/l	100
26) 2,2-Dichloropropane	4.59	77	145874	43.232	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	132884	55.057	ug/l	92
28) Bromochloromethane	5.03	49	116292	64.367	ug/l	100
29) Tetrahydrofuran	5.17	42	345362	288.988	ug/l	99
30) Chloroform	5.22	83	233248	55.997	ug/l	93
31) Cyclohexane	5.57	56	143017	41.899	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	180625	51.132	ug/l	100
36) 1,1-Dichloropropene	5.80	75	140108	42.400	ug/l	100
37) Ethyl Acetate	4.87	43	210934	53.080	ug/l	100
38) Carbon Tetrachloride	5.79	117	147844	42.768	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137694	33.814	ug/l	99
40) Benzene	6.15	78	491576	48.518	ug/l	99
41) Methacrylonitrile	5.07	41	119010	52.315	ug/l	99
42) 1,2-Dichloroethane	6.20	62	206728	51.355	ug/l	99
43) Isopropyl Acetate	6.47	43	346943	51.401	ug/l	99
44) Trichloroethene	7.22	130	132916	47.268	ug/l	99
45) 1,2-Dichloropropane	7.52	63	136566	49.928	ug/l	98
46) Dibromomethane	7.67	93	94470	50.948	ug/l	99
47) Bromodichloromethane	7.90	83	170269	50.772	ug/l	98
48) Methyl methacrylate	7.78	41	177761	52.430	ug/l	98
49) 1,4-Dioxane	7.76	88	70066	1105.253	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1141256	271.509	ug/l	100
52) Toluene	8.79	92	317791	49.316	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	204791	50.922	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	192478	50.729	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143522	54.152	ug/l	97
56) Ethyl methacrylate	9.18	69	224355	53.021	ug/l	99
57) 1,3-Dichloropropane	9.38	76	232970	52.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	523671	267.390	ug/l	99
59) 2-Hexanone	9.50	43	872770	268.817	ug/l	99
60) Dibromochloromethane	9.59	129	146455	54.937	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149744	54.187	ug/l	99
64) Tetrachloroethene	9.34	164	138041	42.841	ug/l	99
65) Chlorobenzene	10.14	112	377639	48.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142447	50.604	ug/l	100
67) Ethyl Benzene	10.26	91	613073	47.122	ug/l	100
68) m/p-Xylenes	10.36	106	477590	94.434	ug/l	100
69) o-Xylene	10.70	106	246981	49.073	ug/l	99
70) Styrene	10.71	104	420089	51.058	ug/l	99
71) Bromoform	10.86	173	112570	45.022	ug/l	100
73) Isopropylbenzene	11.02	105	616187	45.103	ug/l	100
74) N-amyl acetate	6.47	43	346943	47.130	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216686	50.430	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	211978m	49.191	ug/l	
77) Bromobenzene	11.26	156	188353	49.109	ug/l	98
78) n-propylbenzene	11.37	91	684140	45.055	ug/l	99
79) 2-Chlorotoluene	11.43	91	441069	46.002	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536407	45.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54251	44.130	ug/l	95
82) 4-Chlorotoluene	11.51	91	517046	46.720	ug/l	99
83) tert-Butylbenzene	11.77	119	522493	45.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	572379	47.452	ug/l	99
85) sec-Butylbenzene	11.95	105	593286	44.351	ug/l	100
86) p-Isopropyltoluene	12.07	119	551078	45.227	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	329051	47.983	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	335514	47.465	ug/l	99
89) n-Butylbenzene	12.39	91	444329	43.480	ug/l	99
90) Hexachloroethane	12.60	117	85101	43.752	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	351177	49.494	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48961	52.107	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	238183	47.874	ug/l	99
94) Hexachlorobutadiene	13.79	225	100275	40.787	ug/l	99
95) Naphthalene	13.84	128	754859	52.807	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252219	49.709	ug/l	99

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

