

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002901.D
 Acq On : 26 Jun 2018 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:08 PM

Quant Time: Jun 27 03:54:18 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	264727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180464	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.51	113	145010	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.72	98	529734	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	204392	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	108811	46.01	ug/l	99
3) Chloromethane	1.32	50	114877	46.73	ug/l	97
4) Vinyl Chloride	1.41	62	132550	44.27	ug/l	95
5) Bromomethane	1.64	94	56112	39.58	ug/l	98
6) Chloroethane	1.71	64	85220	48.45	ug/l	99
7) Trichlorofluoromethane	1.93	101	233570	46.25	ug/l	99
8) Diethyl Ether	2.19	74	86940	47.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131616	44.98	ug/l	98
10) Methyl Iodide	2.51	142	107588	37.97	ug/l	99
11) Tert butyl alcohol	3.08	59	182230	250.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119491	45.77	ug/l	94
13) Acrolein	2.29	56	102543	253.69	ug/l	100
14) Allyl chloride	2.73	41	244264	47.46	ug/l	99
15) Acrylonitrile	3.15	53	383475	246.30	ug/l	99
16) Acetone	2.45	43	369901	244.11	ug/l	99
17) Carbon Disulfide	2.57	76	313071	45.01	ug/l	98
18) Methyl Acetate	2.78	43	223355	52.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	452713	48.23	ug/l	99
20) Methylene Chloride	2.86	84	136252	46.21	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	128662	45.25	ug/l	95
22) Diisopropyl ether	3.88	45	472851	48.07	ug/l	99
23) Vinyl Acetate	3.83	43	1999862	240.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249519	46.67	ug/l	99
25) 2-Butanone	4.71	43	559611	248.84	ug/l	99
26) 2,2-Dichloropropane	4.59	77	195637	45.00	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149435	46.87	ug/l	96
28) Bromochloromethane	5.02	49	128651	50.27	ug/l	95
29) Tetrahydrofuran	5.17	42	352993	244.77	ug/l	97
30) Chloroform	5.22	83	265985	48.47	ug/l	96
31) Cyclohexane	5.57	56	212629	46.34	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	234414	48.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	185681	46.26	ug/l	99
37) Ethyl Acetate	4.87	43	212673	49.21	ug/l	99
38) Carbon Tetrachloride	5.79	117	209195	47.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217020	46.42	ug/l	97
40) Benzene	6.15	78	557032	47.76	ug/l	99
41) Methacrylonitrile	5.07	41	123533	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222722	47.28	ug/l	100
43) Isopropyl Acetate	6.47	43	350370	48.34	ug/l	99
44) Trichloroethene	7.22	130	160663	46.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	149463	48.31	ug/l	99
46) Dibromomethane	7.67	93	102127	47.57	ug/l	97
47) Bromodichloromethane	7.90	83	198581	50.03	ug/l	98
48) Methyl methacrylate	7.78	41	185398	49.64	ug/l	98
49) 1,4-Dioxane	7.76	88	71298	981.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1153027	254.26	ug/l	99
52) Toluene	8.79	92	364442	48.78	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228373	50.81	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	214946	49.70	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	149950	48.84	ug/l	98
56) Ethyl methacrylate	9.18	69	224666	50.07	ug/l	97
57) 1,3-Dichloropropane	9.38	76	243233	48.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	569141	262.93	ug/l	99
59) 2-Hexanone	9.50	43	887029	257.37	ug/l	98
60) Dibromochloromethane	9.59	129	164680	50.96	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157835	49.01	ug/l	100
64) Tetrachloroethene	9.34	164	180067	45.51	ug/l	100
65) Chlorobenzene	10.14	112	420595	46.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	158012	48.12	ug/l	100
67) Ethyl Benzene	10.26	91	722500	48.39	ug/l	98
68) m/p-Xylenes	10.36	106	558415	97.04	ug/l	99
69) o-Xylene	10.70	106	272191	48.58	ug/l	100
70) Styrene	10.71	104	451639	49.60	ug/l	99
71) Bromoform	10.86	173	130033	44.31	ug/l	99
73) Isopropylbenzene	11.02	105	746492	48.80	ug/l	100
74) N-amyl acetate	6.47	43	350370	46.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229714	48.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228125m	55.39	ug/l	
77) Bromobenzene	11.26	156	206098	47.31	ug/l	98
78) n-propylbenzene	11.37	91	849936	48.81	ug/l	99
79) 2-Chlorotoluene	11.43	91	499972	47.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	632546	49.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61391	43.70	ug/l	99
82) 4-Chlorotoluene	11.51	91	601748	48.22	ug/l	100
83) tert-Butylbenzene	11.77	119	629331	49.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	652184	48.86	ug/l	98
85) sec-Butylbenzene	11.95	105	757793	49.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	681710	49.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	378531	47.58	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380461	46.47	ug/l	99
89) n-Butylbenzene	12.39	91	593237	49.22	ug/l	100
90) Hexachloroethane	12.60	117	100332	48.71	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	382077	47.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52428	49.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280682	48.03	ug/l	99
94) Hexachlorobutadiene	13.79	225	138132	47.39	ug/l	99
95) Naphthalene	13.84	128	789441	50.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287156	49.19	ug/l	99

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

