

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072518\
 Data File : VX003668.D
 Acq On : 25 Jul 2018 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:57 PM

Quant Time: Jul 27 04:27:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100598	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	82529	51.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	67465	53.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.18%	
50) Toluene-d8	8.72	98	248844	51.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	93904	53.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61071	49.11	ug/l	99
3) Chloromethane	1.32	50	87322	53.30	ug/l	99
4) Vinyl Chloride	1.40	62	93347	55.71	ug/l	98
5) Bromomethane	1.64	94	51790	64.01	ug/l	96
6) Chloroethane	1.71	64	62626	56.96	ug/l	99
7) Trichlorofluoromethane	1.92	101	119695	55.49	ug/l	98
8) Diethyl Ether	2.19	74	52286	55.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73428	55.32	ug/l	98
10) Methyl Iodide	2.51	142	104244	57.73	ug/l	98
11) Tert butyl alcohol	3.08	59	110318	285.31	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70553	55.86	ug/l	93
13) Acrolein	2.29	56	45607	233.54	ug/l	97
14) Allyl chloride	2.73	41	144457	54.87	ug/l	97
15) Acrylonitrile	3.15	53	264158	282.75	ug/l	99
16) Acetone	2.45	43	212974	280.26	ug/l	100
17) Carbon Disulfide	2.57	76	194751	53.60	ug/l	100
18) Methyl Acetate	2.78	43	131970	57.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	259123	58.09	ug/l	97
20) Methylene Chloride	2.85	84	84115	55.86	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77900	57.36	ug/l	97
22) Diisopropyl ether	3.88	45	280881	58.43	ug/l	91
23) Vinyl Acetate	3.83	43	1195010	290.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150677	55.61	ug/l	100
25) 2-Butanone	4.71	43	325253	277.05	ug/l	97
26) 2,2-Dichloropropane	4.59	77	89658	52.34	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83492	56.62	ug/l	98
28) Bromochloromethane	5.02	49	57114	52.53	ug/l	100
29) Tetrahydrofuran	5.17	42	198564	259.83	ug/l	97
30) Chloroform	5.22	83	127561	51.90	ug/l	95
31) Cyclohexane	5.57	56	105449	48.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	105771	51.82	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89267	49.13	ug/l	100
37) Ethyl Acetate	4.87	43	121006	55.38	ug/l	100
38) Carbon Tetrachloride	5.78	117	88276	50.40	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101125	50.56	ug/l	99
40) Benzene	6.15	78	263345	48.97	ug/l	100
41) Methacrylonitrile	5.07	41	65949	54.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96201	50.83	ug/l	100
43) Isopropyl Acetate	6.47	43	159647	50.09	ug/l	99
44) Trichloroethene	7.22	130	69685	48.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	69825	50.23	ug/l	98
46) Dibromomethane	7.66	93	45070	50.47	ug/l	99
47) Bromodichloromethane	7.90	83	86631	51.75	ug/l	100
48) Methyl methacrylate	7.79	41	88737	54.86	ug/l	96
49) 1,4-Dioxane	7.76	88	36517	1011.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	557178	259.07	ug/l	99
52) Toluene	8.79	92	169083	50.59	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	101915	54.98	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	105855	51.90	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72931	53.38	ug/l	100
56) Ethyl methacrylate	9.19	69	115762	56.94	ug/l	98
57) 1,3-Dichloropropane	9.38	76	117034	51.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	272961	267.16	ug/l	100
59) 2-Hexanone	9.50	43	434382	263.30	ug/l	100
60) Dibromochloromethane	9.59	129	69613	53.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74847	52.61	ug/l	99
64) Tetrachloroethene	9.34	164	64609	39.05	ug/l	99
65) Chlorobenzene	10.14	112	220833	48.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77383	48.87	ug/l	100
67) Ethyl Benzene	10.26	91	375582	49.26	ug/l	99
68) m/p-Xylenes	10.36	106	280589	95.93	ug/l	100
69) o-Xylene	10.70	106	124797	44.32	ug/l	99
70) Styrene	10.71	104	211238	44.66	ug/l	99
71) Bromoform	10.86	173	53548	42.76	ug/l #	99
73) Isopropylbenzene	11.02	105	329933	48.00	ug/l	99
74) N-amyl acetate	6.47	43	159647	44.54	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	117714	46.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	114136m	54.09	ug/l	
77) Bromobenzene	11.26	156	85516	45.81	ug/l	99
78) n-propylbenzene	11.36	91	417600	52.62	ug/l	100
79) 2-Chlorotoluene	11.42	91	228528	47.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	280502	48.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	33490	49.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	267060	47.00	ug/l	99
83) tert-Butylbenzene	11.77	119	306272	53.83	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302186	50.56	ug/l	100
85) sec-Butylbenzene	11.95	105	335157	49.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	306137	50.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	158948	45.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	163063	45.11	ug/l	99
89) n-Butylbenzene	12.39	91	273211	49.73	ug/l	99
90) Hexachloroethane	12.60	117	47069	50.99	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	171060	48.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25488	48.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116697	46.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	61021	52.04	ug/l	99
95) Naphthalene	13.83	128	424966	55.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117618	45.69	ug/l	100

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

