

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002524.D
 Acq On : 13 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:28 AM

Quant Time: Jun 14 03:43:52 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	199833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140532	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	111587	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.72	98	417910	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.14	95	162463	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	89330	43.002	ug/l	99
3) Chloromethane	1.32	50	106776	44.547	ug/l	99
4) Vinyl Chloride	1.41	62	120308	45.953	ug/l	97
5) Bromomethane	1.64	94	73236	49.390	ug/l	100
6) Chloroethane	1.72	64	83870	49.523	ug/l	100
7) Trichlorofluoromethane	1.93	101	215377	53.993	ug/l	99
8) Diethyl Ether	2.19	74	81171	57.627	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120749	56.094	ug/l	100
10) Methyl Iodide	2.51	142	138901	45.875	ug/l	99
11) Tert butyl alcohol	3.09	59	175964	304.792	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106108	49.878	ug/l	99
13) Acrolein	2.30	56	50077	173.505	ug/l	98
14) Allyl chloride	2.73	41	219690	47.586	ug/l	99
15) Acrylonitrile	3.15	53	371850	307.994	ug/l	100
16) Acetone	2.45	43	348868	286.676	ug/l	98
17) Carbon Disulfide	2.57	76	224540	40.047	ug/l	98
18) Methyl Acetate	2.78	43	181704	64.239	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	433427	58.934	ug/l	100
20) Methylene Chloride	2.86	84	127598	56.850	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	117012	49.878	ug/l	97
22) Diisopropyl ether	3.88	45	396363	51.433	ug/l	98
23) Vinyl Acetate	3.83	43	1702761	227.515	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200391	43.917	ug/l	99
25) 2-Butanone	4.71	43	466292	237.982	ug/l	99
26) 2,2-Dichloropropane	4.59	77	134461	37.698	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	119407	46.802	ug/l	92
28) Bromochloromethane	5.03	49	105389	54.636	ug/l	99
29) Tetrahydrofuran	5.17	42	306178	242.369	ug/l	99
30) Chloroform	5.22	83	216256	49.115	ug/l	98
31) Cyclohexane	5.57	56	164214	45.512	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	181030	48.480	ug/l	99
36) 1,1-Dichloropropene	5.80	75	148462	48.773	ug/l	99
37) Ethyl Acetate	4.87	43	184603	50.429	ug/l	100
38) Carbon Tetrachloride	5.79	117	157453	49.445	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168280	44.776	ug/l	98
40) Benzene	6.15	78	450798	48.301	ug/l	99
41) Methacrylonitrile	5.07	41	104611	49.921	ug/l	99
42) 1,2-Dichloroethane	6.20	62	183744	49.552	ug/l	100
43) Isopropyl Acetate	6.47	43	302788	48.698	ug/l	100
44) Trichloroethene	7.22	130	128365	49.556	ug/l	97
45) 1,2-Dichloropropane	7.52	63	122454	48.600	ug/l	98
46) Dibromomethane	7.67	93	83996	49.176	ug/l	98
47) Bromodichloromethane	7.90	83	156730	50.735	ug/l	99
48) Methyl methacrylate	7.78	41	155870	49.907	ug/l	98
49) 1,4-Dioxane	7.76	88	61389	1051.252	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1027313	265.318	ug/l	100
52) Toluene	8.79	92	296999	50.033	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	179625	48.487	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	167172	47.830	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	126462	51.798	ug/l	98
56) Ethyl methacrylate	9.18	69	197750	50.733	ug/l	99
57) 1,3-Dichloropropane	9.38	76	208186	50.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	466529	258.600	ug/l	99
59) 2-Hexanone	9.50	43	786833	263.088	ug/l	99
60) Dibromochloromethane	9.59	129	130236	53.034	ug/l	100
61) 1,2-Dibromoethane	9.68	107	133353	52.385	ug/l	99
64) Tetrachloroethene	9.34	164	141945	47.848	ug/l	96
65) Chlorobenzene	10.14	112	348502	48.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	128463	49.568	ug/l	99
67) Ethyl Benzene	10.26	91	597374	49.872	ug/l	99
68) m/p-Xylenes	10.37	106	463482	99.541	ug/l	100
69) o-Xylene	10.70	106	228577	49.330	ug/l	100
70) Styrene	10.72	104	392165	51.771	ug/l	99
71) Bromoform	10.86	173	100407	43.726	ug/l #	98
73) Isopropylbenzene	11.02	105	624392	47.308	ug/l	100
74) N-amyl acetate	6.47	43	302788	42.576	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	195923	47.198	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	192201m	46.167	ug/l	
77) Bromobenzene	11.26	156	171544	46.296	ug/l	99
78) n-propylbenzene	11.37	91	715208	48.754	ug/l	100
79) 2-Chlorotoluene	11.43	91	425198	45.903	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	542332	47.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48045	40.453	ug/l	94
82) 4-Chlorotoluene	11.51	91	508646	47.573	ug/l	99
83) tert-Butylbenzene	11.77	119	524810	47.607	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	552686	47.427	ug/l	100
85) sec-Butylbenzene	11.95	105	646645	50.036	ug/l	100
86) p-Isopropyltoluene	12.07	119	584637	49.665	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	319303	48.195	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	327174	47.910	ug/l	99
89) n-Butylbenzene	12.39	91	510087	51.666	ug/l	100
90) Hexachloroethane	12.60	117	85679	45.595	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	328783	47.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44295	48.795	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	238521	49.625	ug/l	100
94) Hexachlorobutadiene	13.79	225	125649	52.901	ug/l	99
95) Naphthalene	13.84	128	684464	49.563	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246331	50.252	ug/l	100

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

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