

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006333.D
 Acq On : 06 Dec 2018 21:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:35 AM

Quant Time: Dec 07 06:15:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	658952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	343495	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.51	113	328433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	1180444	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	443171	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331932	51.446	ug/l	99
3) Chloromethane	1.33	50	314953	47.502	ug/l	98
4) Vinyl Chloride	1.41	62	346072	48.497	ug/l	98
5) Bromomethane	1.64	94	267244	54.038	ug/l	100
6) Chloroethane	1.71	64	219162	50.090	ug/l	96
7) Trichlorofluoromethane	1.93	101	542368	49.514	ug/l	99
8) Diethyl Ether	2.19	74	208890	50.388	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	309733	49.728	ug/l	100
10) Methyl Iodide	2.51	142	439582	46.830	ug/l	99
11) Tert butyl alcohol	3.08	59	416575	226.444	ug/l	100
12) 1,1-Dichloroethene	2.37	96	291846	48.946	ug/l	94
13) Acrolein	2.30	56	207374	206.244	ug/l	100
14) Allyl chloride	2.73	41	533532	45.297	ug/l	98
15) Acrylonitrile	3.15	53	909571	236.936	ug/l	99
16) Acetone	2.45	43	752534	238.380	ug/l	98
17) Carbon Disulfide	2.57	76	809231	44.044	ug/l	100
18) Methyl Acetate	2.78	43	521268	49.376	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1059330	49.802	ug/l	99
20) Methylene Chloride	2.86	84	323210	48.107	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	309003	48.630	ug/l	99
22) Diisopropyl ether	3.87	45	928690	50.479	ug/l	98
23) Vinyl Acetate	3.82	43	3859500	245.960	ug/l	100
24) 1,1-Dichloroethane	3.70	63	536620	51.031	ug/l	98
25) 2-Butanone	4.70	43	1092365	242.511	ug/l	97
26) 2,2-Dichloropropane	4.59	77	425666	43.862	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	367390	51.835	ug/l	97
28) Bromochloromethane	5.02	49	237497	51.707	ug/l	99
29) Tetrahydrofuran	5.15	42	746664	238.509	ug/l	99
30) Chloroform	5.21	83	565283	51.154	ug/l	100
31) Cyclohexane	5.57	56	458024	47.131	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	519466	49.406	ug/l	99
36) 1,1-Dichloropropene	5.80	75	405926	48.522	ug/l	100
37) Ethyl Acetate	4.85	43	434043	46.329	ug/l	98
38) Carbon Tetrachloride	5.78	117	472100	47.969	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511098	47.066	ug/l	96
40) Benzene	6.15	78	1247258	49.778	ug/l	98
41) Methacrylonitrile	5.06	41	238717	46.307	ug/l	98
42) 1,2-Dichloroethane	6.20	62	414286	50.520	ug/l	100
43) Isopropyl Acetate	6.46	43	727300	46.561	ug/l	99
44) Trichloroethene	7.21	130	377228	49.696	ug/l	99
45) 1,2-Dichloropropane	7.52	63	312614	49.090	ug/l	96
46) Dibromomethane	7.66	93	227914	49.555	ug/l	99
47) Bromodichloromethane	7.90	83	431482	48.446	ug/l	100
48) Methyl methacrylate	7.77	41	356367	46.896	ug/l	97
49) 1,4-Dioxane	7.75	88	170271	909.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2123097	233.482	ug/l	99
52) Toluene	8.79	92	816381	49.524	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	483549	46.423	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	510652	47.213	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	340819	50.892	ug/l	99
56) Ethyl methacrylate	9.18	69	503954	48.136	ug/l	98
57) 1,3-Dichloropropane	9.37	76	537485	50.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1276516	240.275	ug/l	99
59) 2-Hexanone	9.49	43	1580393	227.485	ug/l	99
60) Dibromochloromethane	9.59	129	400274	48.471	ug/l	100
61) 1,2-Dibromoethane	9.67	107	366653	48.964	ug/l	99
64) Tetrachloroethene	9.34	164	341913	50.772	ug/l	97
65) Chlorobenzene	10.14	112	964956	50.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	365048	49.496	ug/l	99
67) Ethyl Benzene	10.25	91	1554427	49.235	ug/l	100
68) m/p-Xylenes	10.36	106	1247507	98.643	ug/l	99
69) o-Xylene	10.70	106	615231	49.251	ug/l	100
70) Styrene	10.71	104	992766	49.137	ug/l	99
71) Bromoform	10.86	173	315609	45.332	ug/l	99
73) Isopropylbenzene	11.02	105	1638243	52.135	ug/l	100
74) N-amyl acetate	10.90	43	626360	46.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	497135	49.452	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	461785m	52.579	ug/l	
77) Bromobenzene	11.26	156	445623	51.101	ug/l	99
78) n-propylbenzene	11.36	91	1777444	50.886	ug/l	99
79) 2-Chlorotoluene	11.42	91	1054303	50.783	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1339257	51.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162818	43.505	ug/l	93
82) 4-Chlorotoluene	11.51	91	1208409	50.063	ug/l	99
83) tert-Butylbenzene	11.77	119	1424372	51.061	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1384297	51.276	ug/l	99
85) sec-Butylbenzene	11.94	105	1642815	51.766	ug/l	99
86) p-Isopropyltoluene	12.07	119	1463836	51.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	788050	50.787	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	787965	50.032	ug/l	99
89) n-Butylbenzene	12.39	91	1227651	50.349	ug/l	100
90) Hexachloroethane	12.60	117	283954	48.754	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	777840	50.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115691	44.894	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	565491	50.332	ug/l	100
94) Hexachlorobutadiene	13.78	225	256456	51.615	ug/l	99
95) Naphthalene	13.83	128	1773742	50.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	570338	51.252	ug/l	98

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

