

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005649.D
 Acq On : 27 Oct 2018 11:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:41:23 PM

Quant Time: Oct 29 03:23:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135424	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.50	113	99796	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	8.71	98	340215	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
62) 4-Bromofluorobenzene	11.14	95	131309	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117896	57.385	ug/l	90
3) Chloromethane	1.32	50	139937	53.485	ug/l	98
4) Vinyl Chloride	1.41	62	138643	53.891	ug/l	96
5) Bromomethane	1.64	94	77810	48.607	ug/l	100
6) Chloroethane	1.71	64	87187	53.050	ug/l	92
7) Trichlorofluoromethane	1.92	101	162222	45.380	ug/l	96
8) Diethyl Ether	2.19	74	76816	53.846	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83037	40.486	ug/l	96
10) Methyl Iodide	2.51	142	109251	50.948	ug/l	99
11) Tert butyl alcohol	3.08	59	188012	274.984	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89467	45.790	ug/l	90
13) Acrolein	2.30	56	78080	223.872	ug/l	99
14) Allyl chloride	2.73	41	205234	47.066	ug/l	98
15) Acrylonitrile	3.15	53	394542	257.339	ug/l	98
16) Acetone	2.45	43	362652	270.113	ug/l	98
17) Carbon Disulfide	2.57	76	281044	47.187	ug/l	99
18) Methyl Acetate	2.78	43	192801	58.375	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	356158	51.101	ug/l	96
20) Methylene Chloride	2.86	84	113638	50.537	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	100658	47.184	ug/l	93
22) Diisopropyl ether	3.87	45	395247	51.904	ug/l #	92
23) Vinyl Acetate	3.82	43	1776801	264.939	ug/l	100
24) 1,1-Dichloroethane	3.70	63	212795	51.399	ug/l	98
25) 2-Butanone	4.71	43	549683	268.860	ug/l	91
26) 2,2-Dichloropropane	4.59	77	89690	28.061	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	109357	47.549	ug/l	98
28) Bromochloromethane	5.02	49	103572	51.724	ug/l	99
29) Tetrahydrofuran	5.15	42	344042	258.578	ug/l	96
30) Chloroform	5.22	83	196422	50.721	ug/l	85
31) Cyclohexane	5.58	56	142579	41.623	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	166068	48.586	ug/l	97
36) 1,1-Dichloropropene	5.79	75	135504	42.845	ug/l	98
37) Ethyl Acetate	4.86	43	201708	49.980	ug/l	99
38) Carbon Tetrachloride	5.78	117	134675	40.431	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129714	37.143	ug/l	97
40) Benzene	6.15	78	463790	51.157	ug/l	99
41) Methacrylonitrile	5.06	41	107088	47.636	ug/l	95
42) 1,2-Dichloroethane	6.20	62	169094	49.097	ug/l	99
43) Isopropyl Acetate	6.46	43	316340	52.308	ug/l	99
44) Trichloroethene	7.22	130	115213	46.649	ug/l	76
45) 1,2-Dichloropropane	7.52	63	109808	45.051	ug/l	99
46) Dibromomethane	7.66	93	73254	46.533	ug/l	94
47) Bromodichloromethane	7.90	83	144860	47.412	ug/l	98
48) Methyl methacrylate	7.77	41	156707	53.190	ug/l	95
49) 1,4-Dioxane	7.76	88	66727	1036.389	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	983046	241.867	ug/l	100
52) Toluene	8.79	92	241005	43.741	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145544	44.076	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	156067	43.898	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	107097	46.103	ug/l	98
56) Ethyl methacrylate	9.18	69	173716	50.135	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180478	45.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	454962	235.097	ug/l	100
59) 2-Hexanone	9.50	43	789245	246.287	ug/l	99
60) Dibromochloromethane	9.59	129	114700	47.325	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111659	46.462	ug/l	99
64) Tetrachloroethene	9.34	164	101233	45.869	ug/l	99
65) Chlorobenzene	10.14	112	273412	48.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104282	50.517	ug/l	99
67) Ethyl Benzene	10.25	91	454305	48.774	ug/l	100
68) m/p-Xylenes	10.36	106	351003	97.130	ug/l	99
69) o-Xylene	10.70	106	173289	50.969	ug/l	100
70) Styrene	10.71	104	299103	52.552	ug/l	99
71) Bromoform	10.86	173	97583	52.975	ug/l	99
73) Isopropylbenzene	11.02	105	448663	49.209	ug/l	100
74) N-amyl acetate	10.90	43	260214	57.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	179986	53.508	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163605m	51.770	ug/l	
77) Bromobenzene	11.26	156	129488	50.960	ug/l	99
78) n-propylbenzene	11.36	91	509741	48.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	318479	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	389676	49.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45361	46.901	ug/l	96
82) 4-Chlorotoluene	11.51	91	377007	49.461	ug/l	100
83) tert-Butylbenzene	11.77	119	377255	48.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	408017	51.616	ug/l	99
85) sec-Butylbenzene	11.94	105	438945	47.314	ug/l	100
86) p-Isopropyltoluene	12.07	119	402322	48.512	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235053	49.192	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	239913	48.101	ug/l	99
89) n-Butylbenzene	12.39	91	341797	45.652	ug/l	100
90) Hexachloroethane	12.60	117	68477	47.874	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	242680	50.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45623	56.094	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	179320	51.170	ug/l	100
94) Hexachlorobutadiene	13.79	225	73357	40.394	ug/l	99
95) Naphthalene	13.83	128	598395	58.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188265	52.997	ug/l	100

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

