

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005872.D
 Acq On : 09 Nov 2018 19:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:53 AM

Quant Time: Nov 12 01:14:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	109066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	148413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	62846	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	5.51	113	51150	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	172333	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	64738	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50979	51.842	ug/l	94
3) Chloromethane	1.32	50	69992	54.235	ug/l	93
4) Vinyl Chloride	1.41	62	65352	50.443	ug/l	97
5) Bromomethane	1.64	94	33774	42.599	ug/l	100
6) Chloroethane	1.71	64	38569	49.894	ug/l	99
7) Trichlorofluoromethane	1.92	101	86871	50.515	ug/l	99
8) Diethyl Ether	2.19	74	32627	48.419	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48275	48.809	ug/l	98
10) Methyl Iodide	2.51	142	60002	50.055	ug/l	100
11) Tert butyl alcohol	3.07	59	88117	245.324	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45996	47.713	ug/l	97
13) Acrolein	2.29	56	40200	235.896	ug/l	98
14) Allyl chloride	2.73	41	106774	49.592	ug/l	99
15) Acrylonitrile	3.15	53	193128	259.451	ug/l	98
16) Acetone	2.45	43	175565	260.055	ug/l	97
17) Carbon Disulfide	2.57	76	138171	48.051	ug/l	97
18) Methyl Acetate	2.78	43	107108	59.483	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	173424	52.708	ug/l	92
20) Methylene Chloride	2.85	84	52137	47.014	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50303	49.472	ug/l	91
22) Diisopropyl ether	3.87	45	194114	51.466	ug/l	97
23) Vinyl Acetate	3.82	43	874559	270.436	ug/l	99
24) 1,1-Dichloroethane	3.70	63	102363	50.870	ug/l	99
25) 2-Butanone	4.70	43	265557	250.201	ug/l	99
26) 2,2-Dichloropropane	4.58	77	69311	46.956	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56042	49.915	ug/l	98
28) Bromochloromethane	5.02	49	47277	52.570	ug/l	98
29) Tetrahydrofuran	5.16	42	183836	269.759	ug/l	98
30) Chloroform	5.21	83	96771	49.847	ug/l	96
31) Cyclohexane	5.57	56	88562	50.701	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	84880	52.418	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73710	51.519	ug/l	100
37) Ethyl Acetate	4.85	43	98186	52.186	ug/l	99
38) Carbon Tetrachloride	5.77	117	76779	53.604	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77598	53.512	ug/l	96
40) Benzene	6.14	78	230691	55.309	ug/l	96
41) Methacrylonitrile	5.06	41	53772	52.892	ug/l	98
42) 1,2-Dichloroethane	6.20	62	79864	53.459	ug/l	99
43) Isopropyl Acetate	6.46	43	150391	55.164	ug/l	99
44) Trichloroethene	7.21	130	55266	52.176	ug/l	90
45) 1,2-Dichloropropane	7.52	63	53965	53.306	ug/l	95
46) Dibromomethane	7.66	93	33192	52.249	ug/l	99
47) Bromodichloromethane	7.90	83	66018	54.989	ug/l	99
48) Methyl methacrylate	7.77	41	67654	55.267	ug/l	100
49) 1,4-Dioxane	7.76	88	29601	1122.171	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	460774	268.175	ug/l	98
52) Toluene	8.79	92	119176	51.125	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73051	51.561	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	79387	54.975	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49388	47.539	ug/l	95
56) Ethyl methacrylate	9.18	69	78050	50.210	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82630	47.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233773	275.130	ug/l	96
59) 2-Hexanone	9.50	43	367197	242.454	ug/l	100
60) Dibromochloromethane	9.58	129	52981	47.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52249	45.482	ug/l	99
64) Tetrachloroethene	9.33	164	52253	47.012	ug/l	99
65) Chlorobenzene	10.14	112	133616	51.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	49307	54.230	ug/l	99
67) Ethyl Benzene	10.25	91	231897	55.297	ug/l	100
68) m/p-Xylenes	10.36	106	179091	111.957	ug/l	99
69) o-Xylene	10.70	106	85737	59.772	ug/l	99
70) Styrene	10.71	104	144393	61.023	ug/l	99
71) Bromoform	10.86	173	44690	58.634	ug/l #	97
73) Isopropylbenzene	11.02	105	237480	55.202	ug/l	100
74) N-amyl acetate	10.90	43	121312	50.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82195	52.053	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79297m	52.348	ug/l	
77) Bromobenzene	11.26	156	62186	51.284	ug/l	100
78) n-propylbenzene	11.36	91	275484	54.335	ug/l	99
79) 2-Chlorotoluene	11.42	91	162730	53.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	204962	56.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25538	53.732	ug/l	96
82) 4-Chlorotoluene	11.51	91	194848	53.949	ug/l	99
83) tert-Butylbenzene	11.77	119	200617	54.242	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	209199	51.856	ug/l	100
85) sec-Butylbenzene	11.94	105	243206	53.774	ug/l	100
86) p-Isopropyltoluene	12.07	119	217986	54.413	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	115562	49.659	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	117184	49.190	ug/l	99
89) n-Butylbenzene	12.39	91	192775	51.920	ug/l	100
90) Hexachloroethane	12.60	117	36836	55.073	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	117207	50.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21095	54.746	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	87390	53.250	ug/l	100
94) Hexachlorobutadiene	13.79	225	43204	50.116	ug/l	97
95) Naphthalene	13.83	128	273431	51.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89919	53.781	ug/l	99

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

