

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005398.D
 Acq On : 17 Oct 2018 18:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:42 PM

Quant Time: Oct 19 01:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146553	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
35) Dibromofluoromethane	5.50	113	125657	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.71	98	462384	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	11.14	95	174697	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112722	48.48	ug/l	98
3) Chloromethane	1.32	50	154115	45.75	ug/l	94
4) Vinyl Chloride	1.40	62	158946	46.57	ug/l	99
5) Bromomethane	1.64	94	92227	47.87	ug/l	96
6) Chloroethane	1.71	64	98875	48.95	ug/l	92
7) Trichlorofluoromethane	1.92	101	226993	49.84	ug/l	93
8) Diethyl Ether	2.19	74	97125	49.94	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134361	51.11	ug/l	93
10) Methyl Iodide	2.51	142	159957	55.22	ug/l	99
11) Tert butyl alcohol	3.08	59	246304	264.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128582	49.37	ug/l	94
13) Acrolein	2.29	56	163509	275.45	ug/l	96
14) Allyl chloride	2.73	41	283740	49.62	ug/l	94
15) Acrylonitrile	3.15	53	513472	243.39	ug/l	96
16) Acetone	2.44	43	462090	242.16	ug/l #	87
17) Carbon Disulfide	2.57	76	338897	42.95	ug/l	98
18) Methyl Acetate	2.78	43	279866	51.55	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	490850	53.51	ug/l	97
20) Methylene Chloride	2.85	84	145532	52.40	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	137293	47.57	ug/l	96
22) Diisopropyl ether	3.87	45	467942	48.72	ug/l	93
23) Vinyl Acetate	3.82	43	2026640	241.42	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	272323	49.47	ug/l	96
25) 2-Butanone	4.70	43	713992	255.73	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	198683	48.26	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	155976	49.72	ug/l	96
28) Bromochloromethane	5.01	49	126895	50.57	ug/l	94
29) Tetrahydrofuran	5.16	42	438166	246.04	ug/l	95
30) Chloroform	5.21	83	249959	48.92	ug/l	99
31) Cyclohexane	5.58	56	233227	51.41	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	215385	48.45	ug/l	99
36) 1,1-Dichloropropene	5.80	75	191531	44.75	ug/l	98
37) Ethyl Acetate	4.86	43	246747	44.83	ug/l	99
38) Carbon Tetrachloride	5.77	117	197667	45.97	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219916	47.48	ug/l	96
40) Benzene	6.14	78	552791	43.06	ug/l	100
41) Methacrylonitrile	5.06	41	136374	46.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	198855	43.87	ug/l	98
43) Isopropyl Acetate	6.46	43	376201	51.31	ug/l	97
44) Trichloroethene	7.21	130	157375	47.98	ug/l	99
45) 1,2-Dichloropropane	7.52	63	148140	47.04	ug/l	98
46) Dibromomethane	7.66	93	94107	45.28	ug/l	98
47) Bromodichloromethane	7.90	83	183073	47.62	ug/l	99
48) Methyl methacrylate	7.77	41	184275	48.46	ug/l	95
49) 1,4-Dioxane	7.75	88	86186	982.71	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1248736	245.99	ug/l	97
52) Toluene	8.79	92	347807	49.52	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	210270	50.54	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	228828	50.76	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	145799	49.01	ug/l	98
56) Ethyl methacrylate	9.18	69	231093	53.29	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240040	48.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	633565	260.50	ug/l	96
59) 2-Hexanone	9.50	43	990368	242.53	ug/l	95
60) Dibromochloromethane	9.59	129	152579	49.62	ug/l	100
61) 1,2-Dibromoethane	9.67	107	150040	48.06	ug/l	100
64) Tetrachloroethene	9.34	164	155307	49.29	ug/l	99
65) Chlorobenzene	10.14	112	396124	47.58	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	145673	49.10	ug/l	99
67) Ethyl Benzene	10.25	91	673509	49.76	ug/l	97
68) m/p-Xylenes	10.36	106	526245	100.18	ug/l	96
69) o-Xylene	10.70	106	255141	50.36	ug/l	98
70) Styrene	10.71	104	429139	51.50	ug/l	98
71) Bromoform	10.86	173	129811	48.96	ug/l	99
73) Isopropylbenzene	11.02	105	693460	53.11	ug/l	100
74) N-amyl acetate	10.90	43	329564	52.33	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	237213	48.16	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222990m	52.34	ug/l	
77) Bromobenzene	11.26	156	187252	50.16	ug/l	99
78) n-propylbenzene	11.36	91	789177	52.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	469299	51.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	586619	52.46	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	70255	50.10	ug/l	95
82) 4-Chlorotoluene	11.51	91	551365	50.55	ug/l	100
83) tert-Butylbenzene	11.77	119	595417	52.59	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	606697	52.73	ug/l	99
85) sec-Butylbenzene	11.94	105	712523	53.17	ug/l	99
86) p-Isopropyltoluene	12.07	119	643724	53.15	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	347366	49.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349200	48.93	ug/l	99
89) n-Butylbenzene	12.39	91	570559	51.89	ug/l	98
90) Hexachloroethane	12.60	117	103622	49.65	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	349613	49.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57493	47.85	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	272708	52.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	135559	49.14	ug/l	96
95) Naphthalene	13.83	128	833218	55.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	274910	51.44	ug/l	100

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

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