

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005304.D
 Acq On : 12 Oct 2018 20:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:05:55 AM

Quant Time: Oct 13 04:54:13 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	5.66	168	256573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143988	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	113915	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.72	98	416765	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	155672	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113603	56.63	ug/l	98
3) Chloromethane	1.32	50	144285	49.64	ug/l	93
4) Vinyl Chloride	1.41	62	157032	53.33	ug/l	95
5) Bromomethane	1.64	94	80380	48.35	ug/l	89
6) Chloroethane	1.71	64	92102	53.29	ug/l	90
7) Trichlorofluoromethane	1.92	101	203576	51.81	ug/l	96
8) Diethyl Ether	2.19	74	89138	53.12	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118927	52.44	ug/l	95
10) Methyl Iodide	2.51	142	134409	53.85	ug/l	95
11) Tert butyl alcohol	3.09	59	205207	255.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126487	56.29	ug/l	91
13) Acrolein	2.29	56	122039	237.99	ug/l	93
14) Allyl chloride	2.72	41	253516	51.39	ug/l	97
15) Acrylonitrile	3.15	53	459927	252.67	ug/l	99
16) Acetone	2.45	43	411288	249.81	ug/l	94
17) Carbon Disulfide	2.56	76	340865	50.07	ug/l	100
18) Methyl Acetate	2.78	43	257147	54.90	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	425558	53.77	ug/l	92
20) Methylene Chloride	2.85	84	145995	61.15	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	123205	49.47	ug/l #	81
22) Diisopropyl ether	3.87	45	478960	57.80	ug/l #	93
23) Vinyl Acetate	3.83	43	2046068	282.49	ug/l #	93
24) 1,1-Dichloroethane	3.69	63	268003	56.43	ug/l	96
25) 2-Butanone	4.70	43	673101	279.42	ug/l #	88
26) 2,2-Dichloropropane	4.58	77	182925	51.50	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	150804	55.72	ug/l	95
28) Bromochloromethane	5.02	49	113812	52.57	ug/l	95
29) Tetrahydrofuran	5.15	42	412936	268.74	ug/l	93
30) Chloroform	5.21	83	234279	53.15	ug/l	94
31) Cyclohexane	5.57	56	221892	56.69	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	197266	51.43	ug/l	96
36) 1,1-Dichloropropene	5.81	75	178766	52.13	ug/l	99
37) Ethyl Acetate	4.86	43	232624	52.75	ug/l	98
38) Carbon Tetrachloride	5.78	117	179807	52.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190061	51.21	ug/l	96
40) Benzene	6.14	78	534693	51.98	ug/l	93
41) Methacrylonitrile	5.06	41	130582	55.23	ug/l	97
42) 1,2-Dichloroethane	6.20	62	190832	52.54	ug/l	98
43) Isopropyl Acetate	6.46	43	337192	57.40	ug/l	96
44) Trichloroethene	7.21	130	140362	53.48	ug/l	82
45) 1,2-Dichloropropane	7.52	63	131022	51.93	ug/l	100
46) Dibromomethane	7.66	93	83479	50.13	ug/l	98
47) Bromodichloromethane	7.90	83	166063	53.91	ug/l	98
48) Methyl methacrylate	7.77	41	161852	53.12	ug/l	95
49) 1,4-Dioxane	7.76	88	69516	989.23	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1103727	271.35	ug/l	95
52) Toluene	8.79	92	306102	54.39	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180892	54.26	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	195875	54.23	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125706	52.74	ug/l	96
56) Ethyl methacrylate	9.18	69	196908	56.67	ug/l	95
57) 1,3-Dichloropropane	9.37	76	211488	53.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583470	299.40	ug/l	92
59) 2-Hexanone	9.50	43	881583	269.44	ug/l	94
60) Dibromochloromethane	9.58	129	134049	54.41	ug/l	100
61) 1,2-Dibromoethane	9.68	107	133018	53.17	ug/l	99
64) Tetrachloroethene	9.33	164	137264	50.84	ug/l	98
65) Chlorobenzene	10.14	112	345632	48.45	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	128096	50.39	ug/l	98
67) Ethyl Benzene	10.26	91	590764	50.94	ug/l	98
68) m/p-Xylenes	10.36	106	465447	103.41	ug/l	95
69) o-Xylene	10.70	106	222500	51.26	ug/l	97
70) Styrene	10.71	104	375753	52.63	ug/l	97
71) Bromoform	10.86	173	113531	49.98	ug/l #	99
73) Isopropylbenzene	11.02	105	605557	53.04	ug/l	100
74) N-amyl acetate	10.90	43	288476	52.39	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	209647	48.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	192320m	51.63	ug/l	
77) Bromobenzene	11.26	156	164059	50.26	ug/l	99
78) n-propylbenzene	11.36	91	691422	52.63	ug/l	100
79) 2-Chlorotoluene	11.42	91	411609	51.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	520433	53.23	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61524	50.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	490638	51.44	ug/l	100
83) tert-Butylbenzene	11.77	119	517191	52.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	540690	53.74	ug/l	98
85) sec-Butylbenzene	11.95	105	619243	52.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	562069	53.08	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	304720	49.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	309349	49.57	ug/l	99
89) n-Butylbenzene	12.39	91	494372	51.42	ug/l	98
90) Hexachloroethane	12.60	117	91338	50.05	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	308321	49.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51731	49.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235796	51.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	118735	49.23	ug/l	97
95) Naphthalene	13.83	128	727117	54.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244008	52.22	ug/l	99

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

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