

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002835.D
 Acq On : 22 Jun 2018 16:31
 Operator : JC/MD
 Sample : VSTDCCC0050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:06 PM

Quant Time: Jun 23 00:33:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165818	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	5.51	113	133863	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.72	98	484219	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.14	95	196247	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	130796	47.83	ug/l	99
3) Chloromethane	1.32	50	137974	42.42	ug/l	100
4) Vinyl Chloride	1.40	62	149112	44.17	ug/l	100
5) Bromomethane	1.64	94	155209	76.21	ug/l	99
6) Chloroethane	1.71	64	96443	43.35	ug/l	100
7) Trichlorofluoromethane	1.92	101	267935	48.86	ug/l	98
8) Diethyl Ether	2.19	74	94888	45.49	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	152841	49.86	ug/l	100
10) Methyl Iodide	2.51	142	204840	49.56	ug/l	100
11) Tert butyl alcohol	3.07	59	175941	217.43	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131607	45.73	ug/l	99
13) Acrolein	2.29	56	68614	182.77	ug/l	99
14) Allyl chloride	2.73	41	266463	46.63	ug/l	99
15) Acrylonitrile	3.15	53	397142	224.91	ug/l	99
16) Acetone	2.45	43	373716	216.40	ug/l	99
17) Carbon Disulfide	2.57	76	348367	51.03	ug/l	99
18) Methyl Acetate	2.78	43	228588	49.68	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	490845	45.46	ug/l	99
20) Methylene Chloride	2.85	84	150503	42.50	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	144490	46.27	ug/l	99
22) Diisopropyl ether	3.87	45	521908	50.48	ug/l	97
23) Vinyl Acetate	3.82	43	2202268	254.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	278739	49.67	ug/l	99
25) 2-Butanone	4.71	43	571725	252.09	ug/l	98
26) 2,2-Dichloropropane	4.59	77	224945	55.79	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161188	50.74	ug/l	97
28) Bromochloromethane	5.02	49	120322	45.78	ug/l	95
29) Tetrahydrofuran	5.16	42	369459	248.56	ug/l	97
30) Chloroform	5.21	83	284284	52.53	ug/l	97
31) Cyclohexane	5.57	56	242246	52.43	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	251928	55.66	ug/l	100
36) 1,1-Dichloropropene	5.80	75	209498	57.64	ug/l	98
37) Ethyl Acetate	4.86	43	224487	54.57	ug/l	100
38) Carbon Tetrachloride	5.78	117	229363	63.37	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	256566	60.38	ug/l	97
40) Benzene	6.14	78	612441	56.20	ug/l	99
41) Methacrylonitrile	5.06	41	129450	55.73	ug/l	99
42) 1,2-Dichloroethane	6.20	62	240058	56.89	ug/l	100
43) Isopropyl Acetate	6.46	43	377518	55.39	ug/l	100
44) Trichloroethene	7.21	130	181239	57.62	ug/l	98
45) 1,2-Dichloropropane	7.52	63	161843	56.42	ug/l	100
46) Dibromomethane	7.67	93	111133	57.92	ug/l	98
47) Bromodichloromethane	7.90	83	214244	63.31	ug/l	98
48) Methyl methacrylate	7.78	41	201614	57.88	ug/l	98
49) 1,4-Dioxane	7.76	88	69914	1059.93	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1213597	277.31	ug/l	99
52) Toluene	8.79	92	403594	58.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	250461	55.63	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	234301	54.52	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162558	57.87	ug/l	98
56) Ethyl methacrylate	9.18	69	244544	56.57	ug/l	97
57) 1,3-Dichloropropane	9.37	76	269033	56.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	531130	254.02	ug/l	99
59) 2-Hexanone	9.50	43	942191	285.71	ug/l	98
60) Dibromochloromethane	9.59	129	177977	55.85	ug/l	100
61) 1,2-Dibromoethane	9.68	107	173409	59.60	ug/l	100
64) Tetrachloroethene	9.34	164	208489	56.66	ug/l	98
65) Chlorobenzene	10.14	112	468073	57.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	172566	62.18	ug/l	99
67) Ethyl Benzene	10.26	91	805766	58.68	ug/l	100
68) m/p-Xylenes	10.36	106	625222	118.05	ug/l	99
69) o-Xylene	10.70	106	302737	58.18	ug/l	98
70) Styrene	10.71	104	501434	58.59	ug/l	99
71) Bromoform	10.86	173	137457	53.98	ug/l	100
73) Isopropylbenzene	11.02	105	834560	56.58	ug/l	100
74) N-amyl acetate	6.46	43	377518	51.52	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	242520	55.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	216693m	52.07	ug/l	
77) Bromobenzene	11.26	156	227467	55.36	ug/l	98
78) n-propylbenzene	11.37	91	964007	56.99	ug/l	99
79) 2-Chlorotoluene	11.43	91	559744	55.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	711380	57.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69877	53.42	ug/l	95
82) 4-Chlorotoluene	11.51	91	673884	56.55	ug/l	99
83) tert-Butylbenzene	11.77	119	692191	57.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	735758	57.85	ug/l	99
85) sec-Butylbenzene	11.95	105	851641	57.04	ug/l	99
86) p-Isopropyltoluene	12.07	119	785992	58.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	425252	56.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	429514	56.02	ug/l	99
89) n-Butylbenzene	12.39	91	688833	57.80	ug/l	99
90) Hexachloroethane	12.60	117	115383	54.54	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	424687	55.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55091	60.38	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	322229	58.54	ug/l	99
94) Hexachlorobutadiene	13.79	225	167564	57.79	ug/l	99
95) Naphthalene	13.84	128	866128	58.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319527	57.80	ug/l	100

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

