

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003459.D
 Acq On : 18 Jul 2018 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 1:04:16 PM

Quant Time: Jul 19 03:34:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	115835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200892	184.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	369.70%	
35) Dibromofluoromethane	5.51	113	174734	182.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	364.28%	
50) Toluene-d8	8.72	98	670919	189.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	379.02%	
62) 4-Bromofluorobenzene	11.14	95	243682	192.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	385.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156048	166.59	ug/l	98
3) Chloromethane	1.32	50	162149	159.95	ug/l	99
4) Vinyl Chloride	1.40	62	177803	160.94	ug/l	100
5) Bromomethane	1.64	94	74031	212.57	ug/l	99
6) Chloroethane	1.72	64	108108	183.00	ug/l	100
7) Trichlorofluoromethane	1.93	101	245807	167.73	ug/l	99
8) Diethyl Ether	2.19	74	101950	162.59	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151336	163.49	ug/l	98
10) Methyl Iodide	2.51	142	179151	180.91	ug/l	93
11) Tert butyl alcohol	3.08	59	182926	748.43	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140944	161.12	ug/l	90
13) Acrolein	2.29	56	106632	909.49	ug/l	100
14) Allyl chloride	2.73	41	258749	163.06	ug/l	87
15) Acrylonitrile	3.15	53	449919	803.48	ug/l	98
16) Acetone	2.45	43	355594	786.63	ug/l #	88
17) Carbon Disulfide	2.57	76	361350	150.55	ug/l	99
18) Methyl Acetate	2.78	43	280386	190.44	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	492584	169.58	ug/l	100
20) Methylene Chloride	2.86	84	163794	163.48	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	152104	160.98	ug/l	94
22) Diisopropyl ether	3.88	45	487016	158.23	ug/l	95
23) Vinyl Acetate	3.83	43	1955449	770.31	ug/l	96
24) 1,1-Dichloroethane	3.70	63	295541	169.25	ug/l	100
25) 2-Butanone	4.71	43	557939	788.66	ug/l	94
26) 2,2-Dichloropropane	4.59	77	155117	126.56	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	164049	161.38	ug/l	96
28) Bromochloromethane	5.02	49	144555	190.68	ug/l	90
29) Tetrahydrofuran	5.17	42	362117	807.11	ug/l	93
30) Chloroform	5.22	83	272669	169.46	ug/l	99
31) Cyclohexane	5.57	56	223480	165.73	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	232177	169.66	ug/l	98
36) 1,1-Dichloropropene	5.80	75	193924	161.51	ug/l	98
37) Ethyl Acetate	4.87	43	209269	154.67	ug/l	96
38) Carbon Tetrachloride	5.78	117	203867	166.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223930	162.93	ug/l	95
40) Benzene	6.15	78	608589	166.60	ug/l	99
41) Methacrylonitrile	5.07	41	123616	166.15	ug/l	93
42) 1,2-Dichloroethane	6.20	62	208707	166.59	ug/l	97
43) Isopropyl Acetate	6.47	43	336242	164.66	ug/l	94
44) Trichloroethene	7.21	130	173430	163.88	ug/l	98
45) 1,2-Dichloropropane	7.52	63	161100	169.53	ug/l	100
46) Dibromomethane	7.67	93	105368	166.52	ug/l	99
47) Bromodichloromethane	7.90	83	201423	173.83	ug/l	97
48) Methyl methacrylate	7.78	41	180362	173.13	ug/l	87
49) 1,4-Dioxane	7.76	88	70913	2972.95	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1141898	849.50	ug/l	93
52) Toluene	8.79	92	388953	170.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233003	170.31	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	211713	169.56	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	163312	170.90	ug/l	98
56) Ethyl methacrylate	9.18	69	236209	174.58	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	264363	172.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	589354	868.64	ug/l	98
59) 2-Hexanone	9.50	43	868399	840.84	ug/l	90
60) Dibromochloromethane	9.59	129	166745	175.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169829	172.41	ug/l	100
64) Tetrachloroethene	9.34	164	204925	169.10	ug/l	97
65) Chlorobenzene	10.14	112	444777	162.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163759	168.35	ug/l	99
67) Ethyl Benzene	10.26	91	746419	166.89	ug/l	100
68) m/p-Xylenes	10.36	106	576290	333.11	ug/l	97
69) o-Xylene	10.70	106	281801	169.59	ug/l	96
70) Styrene	10.71	104	466680	170.65	ug/l	98
71) Bromoform	10.86	173	129314	165.27	ug/l #	100
73) Isopropylbenzene	11.02	105	752258	151.33	ug/l	100
74) N-amyl acetate	6.47	43	336242	140.65	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	236453	144.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	242219m	172.34	ug/l	
77) Bromobenzene	11.26	156	209072	148.08	ug/l	98
78) n-propylbenzene	11.37	91	850308	153.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	509434	149.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	634480	156.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61101	141.23	ug/l	91
82) 4-Chlorotoluene	11.51	91	595002	149.78	ug/l	98
83) tert-Butylbenzene	11.77	119	621264	156.54	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	650320	155.90	ug/l	98
85) sec-Butylbenzene	11.95	105	741704	154.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	686933	160.29	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	391969	151.68	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	392483	149.57	ug/l	98
89) n-Butylbenzene	12.39	91	570113	156.17	ug/l	99
90) Hexachloroethane	12.60	117	100878	155.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	397217	153.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50129	146.85	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	264142	148.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	125760	147.11	ug/l	98
95) Naphthalene	13.83	128	788944	154.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	269480	147.52	ug/l	100

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

