

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003252.D
 Acq On : 09 Jul 2018 18:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:49 PM

Quant Time: Jul 10 01:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215688	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195223	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.51	113	170464	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.72	98	623415	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	231111	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	201083	49.79	ug/l	99
3) Chloromethane	1.32	50	163287	44.47	ug/l	99
4) Vinyl Chloride	1.40	62	179124	47.53	ug/l	100
5) Bromomethane	1.64	94	65097	58.22	ug/l	98
6) Chloroethane	1.71	64	99776	47.79	ug/l	99
7) Trichlorofluoromethane	1.92	101	265706	47.43	ug/l	99
8) Diethyl Ether	2.19	74	93322	46.08	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153114	46.68	ug/l	96
10) Methyl Iodide	2.51	142	148486	42.02	ug/l	97
11) Tert butyl alcohol	3.09	59	194390	256.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136651	45.78	ug/l	90
13) Acrolein	2.29	56	131658	215.57	ug/l	98
14) Allyl chloride	2.73	41	262012	47.39	ug/l	94
15) Acrylonitrile	3.15	53	410066	242.31	ug/l	99
16) Acetone	2.45	43	373934	251.95	ug/l	95
17) Carbon Disulfide	2.57	76	376863	45.43	ug/l	99
18) Methyl Acetate	2.78	43	215422	51.45	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	460060	46.14	ug/l	99
20) Methylene Chloride	2.85	84	150845	49.59	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	145939	45.86	ug/l	95
22) Diisopropyl ether	3.88	45	474573	42.19	ug/l	98
23) Vinyl Acetate	3.83	43	2091637	219.01	ug/l	97
24) 1,1-Dichloroethane	3.70	63	270025	46.12	ug/l	100
25) 2-Butanone	4.72	43	644368	245.36	ug/l	94
26) 2,2-Dichloropropane	4.59	77	229968	44.91	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	182910	46.77	ug/l	93
28) Bromochloromethane	5.02	49	135760	46.02	ug/l	85
29) Tetrahydrofuran	5.17	42	412206	241.83	ug/l	95
30) Chloroform	5.22	83	300751	46.70	ug/l	98
31) Cyclohexane	5.57	56	260697	47.55	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	272145	47.90	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224433	48.22	ug/l	98
37) Ethyl Acetate	4.87	43	242058	47.44	ug/l	97
38) Carbon Tetrachloride	5.79	117	249427	48.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267562	48.80	ug/l	96
40) Benzene	6.15	78	672406	48.75	ug/l	100
41) Methacrylonitrile	5.07	41	139459	49.93	ug/l	96
42) 1,2-Dichloroethane	6.20	62	237336	46.06	ug/l	97
43) Isopropyl Acetate	6.48	43	390159	48.70	ug/l	96
44) Trichloroethene	7.21	130	200591	49.18	ug/l	97
45) 1,2-Dichloropropane	7.52	63	167807	46.80	ug/l	100
46) Dibromomethane	7.66	93	116611	47.71	ug/l	91
47) Bromodichloromethane	7.90	83	219552	48.69	ug/l	97
48) Methyl methacrylate	7.79	41	206224	50.19	ug/l	92
49) 1,4-Dioxane	7.76	88	89713	1044.18	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1262855	253.18	ug/l	96
52) Toluene	8.79	92	427957	49.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	262819	49.53	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241039	49.91	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	175004	48.39	ug/l	96
56) Ethyl methacrylate	9.19	69	253130	51.10	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	280876	48.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	635193	265.81	ug/l	95
59) 2-Hexanone	9.50	43	972140	256.60	ug/l	94
60) Dibromochloromethane	9.59	129	190474	50.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185521	48.94	ug/l	100
64) Tetrachloroethene	9.34	164	229191	50.45	ug/l	99
65) Chlorobenzene	10.14	112	495400	48.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187340	50.85	ug/l	99
67) Ethyl Benzene	10.26	91	823406	49.86	ug/l	100
68) m/p-Xylenes	10.36	106	648471	100.94	ug/l	97
69) o-Xylene	10.70	106	312988	50.29	ug/l	97
70) Styrene	10.71	104	513747	50.91	ug/l	98
71) Bromoform	10.86	173	156963	51.78	ug/l	100
73) Isopropylbenzene	11.02	105	850314	49.93	ug/l	99
74) N-amyl acetate	6.48	43	390159	48.03	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	253078	47.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	255995m	54.92	ug/l	
77) Bromobenzene	11.26	156	243482	49.52	ug/l	93
78) n-propylbenzene	11.37	91	942733	49.79	ug/l	97
79) 2-Chlorotoluene	11.43	91	560622	48.60	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	712761	50.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72423	50.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	655555	48.67	ug/l	97
83) tert-Butylbenzene	11.77	119	711387	50.22	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	730191	50.29	ug/l	97
85) sec-Butylbenzene	11.95	105	842619	50.33	ug/l	98
86) p-Isopropyltoluene	12.07	119	770750	50.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	436962	48.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	437418	47.90	ug/l	98
89) n-Butylbenzene	12.39	91	629175	49.37	ug/l	98
90) Hexachloroethane	12.60	117	114765	49.28	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	434660	47.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55029	48.56	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	328807	49.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	162975	49.67	ug/l	100
95) Naphthalene	13.84	128	904970	52.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	334710	50.92	ug/l	99

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

