

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005353.D
 Acq On : 15 Oct 2018 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:30 PM

Quant Time: Oct 16 05:28:05 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	252813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133618	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.51	113	109796	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	8.72	98	418524	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	156313	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	105764	53.51	ug/l	96
3) Chloromethane	1.32	50	137000	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	139400	48.04	ug/l	98
5) Bromomethane	1.64	94	78906	48.17	ug/l	98
6) Chloroethane	1.71	64	88778	52.00	ug/l	95
7) Trichlorofluoromethane	1.92	101	196836	50.84	ug/l	96
8) Diethyl Ether	2.19	74	80929	48.95	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114712	51.33	ug/l	96
10) Methyl Iodide	2.51	142	136703	55.50	ug/l	99
11) Tert butyl alcohol	3.07	59	202611	255.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109547	49.47	ug/l	97
13) Acrolein	2.29	56	94537	186.63	ug/l	95
14) Allyl chloride	2.73	41	241544	49.69	ug/l	95
15) Acrylonitrile	3.15	53	437885	244.14	ug/l	98
16) Acetone	2.45	43	394220	243.00	ug/l	96
17) Carbon Disulfide	2.57	76	315382	47.02	ug/l	100
18) Methyl Acetate	2.78	43	238672	51.71	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	399880	51.28	ug/l	98
20) Methylene Chloride	2.85	84	127257	53.94	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	118358	48.23	ug/l	95
22) Diisopropyl ether	3.87	45	386358	47.32	ug/l	95
23) Vinyl Acetate	3.82	43	1712509	239.96	ug/l	97
24) 1,1-Dichloroethane	3.70	63	221763	47.39	ug/l	99
25) 2-Butanone	4.70	43	570114	240.19	ug/l	95
26) 2,2-Dichloropropane	4.58	77	162226	46.35	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	125487	47.06	ug/l	96
28) Bromochloromethane	5.02	49	104603	49.03	ug/l	95
29) Tetrahydrofuran	5.15	42	362233	239.25	ug/l	94
30) Chloroform	5.21	83	212697	48.97	ug/l	99
31) Cyclohexane	5.57	56	186128	48.26	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	185602	49.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	156965	45.79	ug/l	99
37) Ethyl Acetate	4.85	43	203274	46.11	ug/l	98
38) Carbon Tetrachloride	5.78	117	166112	48.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185438	49.98	ug/l	97
40) Benzene	6.14	78	487522	47.41	ug/l	99
41) Methacrylonitrile	5.06	41	111604	47.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	170885	47.06	ug/l	98
43) Isopropyl Acetate	6.46	43	300952	51.25	ug/l	97
44) Trichloroethene	7.21	130	133106	50.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	124813	49.48	ug/l	97
46) Dibromomethane	7.66	93	83005	49.86	ug/l	98
47) Bromodichloromethane	7.90	83	162121	52.64	ug/l	100
48) Methyl methacrylate	7.77	41	159419	52.34	ug/l	95
49) 1,4-Dioxane	7.76	88	73791	1050.38	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1080298	265.67	ug/l	96
52) Toluene	8.79	92	301883	53.66	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180794	54.25	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	195869	54.24	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	125087	52.49	ug/l	96
56) Ethyl methacrylate	9.18	69	192624	55.45	ug/l	95
57) 1,3-Dichloropropane	9.37	76	208327	52.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	549905	282.27	ug/l	95
59) 2-Hexanone	9.50	43	859888	262.89	ug/l	94
60) Dibromochloromethane	9.59	129	134919	54.78	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131336	52.52	ug/l	100
64) Tetrachloroethene	9.34	164	136050	50.21	ug/l	98
65) Chlorobenzene	10.14	112	344246	48.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	127717	50.06	ug/l	99
67) Ethyl Benzene	10.26	91	583006	50.09	ug/l	98
68) m/p-Xylenes	10.36	106	456476	101.04	ug/l	95
69) o-Xylene	10.70	106	218963	50.26	ug/l	97
70) Styrene	10.71	104	368892	51.48	ug/l	97
71) Bromoform	10.86	173	114854	50.37	ug/l	99
73) Isopropylbenzene	11.02	105	598713	52.67	ug/l	99
74) N-amyl acetate	10.90	43	278391	50.77	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	205495	47.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	190801m	51.44	ug/l	
77) Bromobenzene	11.26	156	163963	50.44	ug/l	98
78) n-propylbenzene	11.36	91	687569	52.56	ug/l	100
79) 2-Chlorotoluene	11.42	91	403831	50.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	514343	52.83	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	61314	50.22	ug/l	99
82) 4-Chlorotoluene	11.51	91	480032	50.54	ug/l	100
83) tert-Butylbenzene	11.77	119	512318	51.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	529662	52.87	ug/l	99
85) sec-Butylbenzene	11.94	105	616717	52.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	559554	53.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	302125	49.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	307422	49.47	ug/l	100
89) n-Butylbenzene	12.39	91	494149	51.61	ug/l	98
90) Hexachloroethane	12.60	117	90962	50.05	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	306060	49.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51531	49.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235465	51.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	119279	49.66	ug/l	96
95) Naphthalene	13.83	128	723985	54.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	243508	52.33	ug/l	98

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

