

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004554.D
 Acq On : 15 Sep 2018 00:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:09:27 PM

Quant Time: Sep 15 06:14:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	242477	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	342952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187659	60.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.04%	
35) Dibromofluoromethane	5.50	113	156035	49.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.44%	
50) Toluene-d8	8.72	98	497096	47.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	178739	47.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	99787	43.91	ug/l	97
3) Chloromethane	1.32	50	153175	48.98	ug/l	99
4) Vinyl Chloride	1.40	62	144796	45.11	ug/l	96
5) Bromomethane	1.64	94	69176	51.51	ug/l	98
6) Chloroethane	1.71	64	102079	49.18	ug/l	96
7) Trichlorofluoromethane	1.92	101	180961	42.53	ug/l	89
8) Diethyl Ether	2.18	74	109226	57.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	115913	42.94	ug/l	98
10) Methyl Iodide	2.51	142	134561	42.41	ug/l	97
11) Tert butyl alcohol	3.07	59	191208	256.30	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118125	46.62	ug/l	92
13) Acrolein	2.29	56	75618	256.77	ug/l	95
14) Allyl chloride	2.72	41	258861	49.70	ug/l	96
15) Acrylonitrile	3.15	53	483799	269.30	ug/l	100
16) Acetone	2.44	43	378607	248.11	ug/l	97
17) Carbon Disulfide	2.56	76	325309	44.42	ug/l	99
18) Methyl Acetate	2.78	43	235007	54.89	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	515240	57.96	ug/l	97
20) Methylene Chloride	2.85	84	164689	52.61	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	142834	51.02	ug/l	95
22) Diisopropyl ether	3.87	45	527976	56.28	ug/l	98
23) Vinyl Acetate	3.82	43	2177789	286.86	ug/l	98
24) 1,1-Dichloroethane	3.69	63	283850	53.59	ug/l	98
25) 2-Butanone	4.70	43	593409	244.34	ug/l	100
26) 2,2-Dichloropropane	4.57	77	152280	41.86	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	170927	54.69	ug/l	98
28) Bromochloromethane	5.02	49	138216	57.05	ug/l	99
29) Tetrahydrofuran	5.15	42	407024	277.91	ug/l	98
30) Chloroform	5.21	83	279116	53.98	ug/l	92
31) Cyclohexane	5.57	56	204083	45.13	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	206363	49.55	ug/l	99
36) 1,1-Dichloropropene	5.79	75	181741	43.65	ug/l	99
37) Ethyl Acetate	4.85	43	229902	48.55	ug/l	99
38) Carbon Tetrachloride	5.77	117	172248	42.36	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175343	40.36	ug/l	96
40) Benzene	6.14	78	647148	52.39	ug/l	95
41) Methacrylonitrile	5.05	41	132451	50.76	ug/l	98
42) 1,2-Dichloroethane	6.19	62	217304	53.04	ug/l	100
43) Isopropyl Acetate	6.46	43	361779	57.52	ug/l	99
44) Trichloroethene	7.21	130	146334	45.59	ug/l	99
45) 1,2-Dichloropropane	7.52	63	150591	50.66	ug/l	97
46) Dibromomethane	7.66	93	96861	51.58	ug/l	99
47) Bromodichloromethane	7.90	83	176043	49.57	ug/l	96
48) Methyl methacrylate	7.77	41	159522	51.25	ug/l	98
49) 1,4-Dioxane	7.76	88	73611	999.17	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1021551	230.15	ug/l	98
52) Toluene	8.79	92	325019	44.66	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	214114	51.61	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	212264	50.19	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	162581	51.88	ug/l	96
56) Ethyl methacrylate	9.18	69	247490	55.82	ug/l	98
57) 1,3-Dichloropropane	9.37	76	281049	55.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	550452	243.87	ug/l	96
59) 2-Hexanone	9.49	43	890201	261.47	ug/l	97
60) Dibromochloromethane	9.59	129	167243	56.68	ug/l	97
61) 1,2-Dibromoethane	9.68	107	170690	57.01	ug/l	96
64) Tetrachloroethene	9.34	164	183845	48.35	ug/l	91
65) Chlorobenzene	10.14	112	374947	49.56	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	137025	52.52	ug/l	99
67) Ethyl Benzene	10.25	91	603388	49.05	ug/l	98
68) m/p-Xylenes	10.36	106	476760	100.62	ug/l	97
69) o-Xylene	10.70	106	235849	51.77	ug/l	99
70) Styrene	10.71	104	405744	53.76	ug/l	99
71) Bromoform	10.86	173	115640	53.99	ug/l	99
73) Isopropylbenzene	11.02	105	604877	49.60	ug/l	100
74) N-amyl acetate	10.90	43	279526	54.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	205917	52.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	197003m	52.88	ug/l	
77) Bromobenzene	11.26	156	176119	52.24	ug/l	100
78) n-propylbenzene	11.36	91	685927	48.91	ug/l	100
79) 2-Chlorotoluene	11.42	91	424619	49.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	522519	50.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60843	52.05	ug/l	95
82) 4-Chlorotoluene	11.51	91	498016	50.17	ug/l	99
83) tert-Butylbenzene	11.77	119	486355	49.83	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	544159	51.98	ug/l	99
85) sec-Butylbenzene	11.94	105	598257	48.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	551243	50.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323748	51.47	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320832	49.37	ug/l	99
89) n-Butylbenzene	12.39	91	466621	46.62	ug/l	98
90) Hexachloroethane	12.60	117	83532	47.50	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325828	51.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44990	53.56	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	278636	61.81	ug/l	97
94) Hexachlorobutadiene	13.79	225	120624	51.23	ug/l	96
95) Naphthalene	13.83	128	812053	64.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	257069	55.51	ug/l	99

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

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