

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004484.D
 Acq On : 12 Sep 2018 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:07 AM

Quant Time: Sep 13 01:12:08 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	5.66	168	260801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210833	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164420	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	145491	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.71	98	548629	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	199798	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133028	54.43	ug/l	91
3) Chloromethane	1.32	50	167212	49.71	ug/l	100
4) Vinyl Chloride	1.40	62	175652	50.88	ug/l	98
5) Bromomethane	1.64	94	87558	60.83	ug/l	100
6) Chloroethane	1.71	64	113372	50.78	ug/l	92
7) Trichlorofluoromethane	1.92	101	232586	50.82	ug/l	99
8) Diethyl Ether	2.18	74	99859	48.67	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147919	50.95	ug/l	99
10) Methyl Iodide	2.51	142	165658	47.92	ug/l	98
11) Tert butyl alcohol	3.07	59	189915	236.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	135290	49.65	ug/l	97
13) Acrolein	2.29	56	77514	244.72	ug/l	96
14) Allyl chloride	2.73	41	288471	51.49	ug/l	95
15) Acrylonitrile	3.15	53	475393	246.02	ug/l	100
16) Acetone	2.45	43	392646	239.23	ug/l	99
17) Carbon Disulfide	2.56	76	407273	51.71	ug/l	99
18) Methyl Acetate	2.78	43	220784	47.95	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	484579	50.68	ug/l	98
20) Methylene Chloride	2.85	84	158295	47.01	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	148990	49.48	ug/l	99
22) Diisopropyl ether	3.87	45	499274	49.48	ug/l	94
23) Vinyl Acetate	3.82	43	2230141	273.12	ug/l	96
24) 1,1-Dichloroethane	3.69	63	289040	50.74	ug/l	98
25) 2-Butanone	4.70	43	583560	223.40	ug/l	97
26) 2,2-Dichloropropane	4.57	77	210483	53.79	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	161195	47.95	ug/l	95
28) Bromochloromethane	5.01	49	133992	51.42	ug/l	93
29) Tetrahydrofuran	5.17	42	387714	246.12	ug/l	96
30) Chloroform	5.21	83	275594	49.55	ug/l	94
31) Cyclohexane	5.56	56	252813	51.97	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	232028	51.80	ug/l	97
36) 1,1-Dichloropropene	5.80	75	213816	49.84	ug/l	99
37) Ethyl Acetate	4.86	43	223697	45.85	ug/l	99
38) Carbon Tetrachloride	5.77	117	203218	48.50	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255599	57.09	ug/l	97
40) Benzene	6.14	78	617254	48.49	ug/l	99
41) Methacrylonitrile	5.06	41	124537	46.32	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201180	47.65	ug/l	98
43) Isopropyl Acetate	6.46	43	329799	50.89	ug/l	99
44) Trichloroethene	7.21	130	167308	50.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	161301	52.66	ug/l	100
46) Dibromomethane	7.66	93	100259	51.81	ug/l	98
47) Bromodichloromethane	7.90	83	193086	52.77	ug/l	100
48) Methyl methacrylate	7.78	41	174897	54.53	ug/l	97
49) 1,4-Dioxane	7.76	88	79155	1042.75	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1119371	244.76	ug/l	98
52) Toluene	8.79	92	382103	50.95	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	222259	52.00	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	242600	55.68	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153780	47.62	ug/l	99
56) Ethyl methacrylate	9.18	69	233801	51.18	ug/l	98
57) 1,3-Dichloropropane	9.37	76	256130	48.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	594521	255.28	ug/l	96
59) 2-Hexanone	9.50	43	875059	249.45	ug/l	97
60) Dibromochloromethane	9.59	129	156034	51.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	158467	51.37	ug/l	100
64) Tetrachloroethene	9.34	164	190605	45.07	ug/l	98
65) Chlorobenzene	10.14	112	426946	50.74	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	150049	51.71	ug/l	99
67) Ethyl Benzene	10.25	91	732578	53.55	ug/l	97
68) m/p-Xylenes	10.36	106	577080	109.50	ug/l	97
69) o-Xylene	10.70	106	274580	54.19	ug/l	99
70) Styrene	10.71	104	469324	55.91	ug/l	99
71) Bromoform	10.86	173	123871	51.99	ug/l	98
73) Isopropylbenzene	11.02	105	744453	53.61	ug/l	100
74) N-amyl acetate	10.90	43	311847	53.36	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	224392	50.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213041m	50.22	ug/l	
77) Bromobenzene	11.26	156	196486	51.20	ug/l	98
78) n-propylbenzene	11.36	91	878103	55.00	ug/l	99
79) 2-Chlorotoluene	11.42	91	505280	52.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	639330	54.77	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	73963	55.58	ug/l	94
82) 4-Chlorotoluene	11.51	91	603503	53.40	ug/l	100
83) tert-Butylbenzene	11.77	119	606816	54.60	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	657051	55.13	ug/l	99
85) sec-Butylbenzene	11.95	105	779142	55.02	ug/l	99
86) p-Isopropyltoluene	12.07	119	704636	56.35	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	369960	51.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374466	50.61	ug/l	99
89) n-Butylbenzene	12.39	91	643701	56.49	ug/l	98
90) Hexachloroethane	12.60	117	107933	53.91	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	367422	50.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50983	53.31	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	281091	54.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	142085	53.00	ug/l	97
95) Naphthalene	13.83	128	798389	55.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	280021	53.11	ug/l	99

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

