

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004506.D
 Acq On : 13 Sep 2018 10:17
 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
 9/15/2018 11:23:38 AM

Quant Time: Sep 14 04:02:20 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	5.67	168	331947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196951	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	170638	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	8.71	98	590702	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.14	95	220237	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145090	46.638	ug/l	96
3) Chloromethane	1.32	50	175916	41.088	ug/l	100
4) Vinyl Chloride	1.40	62	191469	43.572	ug/l	100
5) Bromomethane	1.64	94	86266	46.810	ug/l	95
6) Chloroethane	1.71	64	118656	41.755	ug/l	96
7) Trichlorofluoromethane	1.92	101	257770	44.248	ug/l	98
8) Diethyl Ether	2.19	74	115439	44.202	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	166487	45.051	ug/l	99
10) Methyl Iodide	2.51	142	191590	43.935	ug/l	97
11) Tert butyl alcohol	3.07	59	210417	206.028	ug/l	99
12) 1,1-Dichloroethene	2.37	96	156433	45.102	ug/l	90
13) Acrolein	2.29	56	74650	185.165	ug/l	98
14) Allyl chloride	2.73	41	303668	42.586	ug/l	98
15) Acrylonitrile	3.15	53	523844	212.994	ug/l	100
16) Acetone	2.45	43	413219	197.804	ug/l	97
17) Carbon Disulfide	2.57	76	440317	43.920	ug/l	97
18) Methyl Acetate	2.78	43	238799	40.744	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	543478	44.657	ug/l	95
20) Methylene Chloride	2.85	84	178101	41.560	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	168446	43.950	ug/l	94
22) Diisopropyl ether	3.87	45	587980	45.783	ug/l	95
23) Vinyl Acetate	3.82	43	2443910	235.150	ug/l	98
24) 1,1-Dichloroethane	3.69	63	320655	44.223	ug/l	98
25) 2-Butanone	4.70	43	661366	198.923	ug/l	99
26) 2,2-Dichloropropane	4.59	77	252137	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	192253	44.935	ug/l	98
28) Bromochloromethane	5.01	49	147245	44.396	ug/l	97
29) Tetrahydrofuran	5.16	42	436293	217.601	ug/l	98
30) Chloroform	5.21	83	306542	43.303	ug/l	99
31) Cyclohexane	5.57	56	295749	47.768	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	264766	46.438	ug/l	98
36) 1,1-Dichloropropene	5.80	75	243734	50.165	ug/l	98
37) Ethyl Acetate	4.85	43	247525	44.794	ug/l	99
38) Carbon Tetrachloride	5.78	117	230387	48.548	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271646	53.578	ug/l	98
40) Benzene	6.14	78	716902	49.731	ug/l	98
41) Methacrylonitrile	5.06	41	137587	45.190	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231836	48.489	ug/l	100
43) Isopropyl Acetate	6.46	43	375915	51.218	ug/l	100
44) Trichloroethene	7.21	130	181979	48.590	ug/l	96
45) 1,2-Dichloropropane	7.51	63	166489	47.996	ug/l	99
46) Dibromomethane	7.66	93	105461	48.125	ug/l	100
47) Bromodichloromethane	7.90	83	199291	48.089	ug/l	98
48) Methyl methacrylate	7.77	41	178093	49.031	ug/l	98
49) 1,4-Dioxane	7.76	88	82467	959.261	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1131391	218.437	ug/l	99
52) Toluene	8.79	92	401549	47.278	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	233324	48.198	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	254957	51.664	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	168343	46.033	ug/l	94
56) Ethyl methacrylate	9.18	69	260528	50.358	ug/l	98
57) 1,3-Dichloropropane	9.37	76	300840	50.629	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	640404	243.161	ug/l	96
59) 2-Hexanone	9.49	43	965897	243.125	ug/l	98
60) Dibromochloromethane	9.59	129	170483	49.517	ug/l	99
61) 1,2-Dibromoethane	9.67	107	170913	48.923	ug/l	99
64) Tetrachloroethene	9.34	164	229368	48.490	ug/l	94
65) Chlorobenzene	10.14	112	448495	47.658	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	157464	48.522	ug/l	99
67) Ethyl Benzene	10.25	91	766753	50.108	ug/l	98
68) m/p-Xylenes	10.36	106	605819	102.779	ug/l	98
69) o-Xylene	10.70	106	288679	50.943	ug/l	99
70) Styrene	10.71	104	486667	51.838	ug/l	99
71) Bromoform	10.86	173	128330	48.161	ug/l	99
73) Isopropylbenzene	11.02	105	784261	51.142	ug/l	100
74) N-amyl acetate	10.90	43	315883	48.940	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	223382	45.161	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	221167m	47.211	ug/l	
77) Bromobenzene	11.26	156	206290	48.670	ug/l	99
78) n-propylbenzene	11.36	91	920882	52.228	ug/l	100
79) 2-Chlorotoluene	11.42	91	528993	49.468	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	668046	51.821	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	76675	52.171	ug/l	92
82) 4-Chlorotoluene	11.51	91	629562	50.442	ug/l	99
83) tert-Butylbenzene	11.77	119	636742	51.881	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	685875	52.110	ug/l	99
85) sec-Butylbenzene	11.94	105	815065	52.115	ug/l	99
86) p-Isopropyltoluene	12.07	119	741063	53.657	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	386465	48.869	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	391530	47.915	ug/l	99
89) n-Butylbenzene	12.39	91	668522	53.118	ug/l	98
90) Hexachloroethane	12.60	117	108644	49.138	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	385436	48.154	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51297	48.569	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297360	52.466	ug/l	98
94) Hexachlorobutadiene	13.79	225	149785	50.594	ug/l	97
95) Naphthalene	13.83	128	835587	52.565	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	296101	50.853	ug/l	99

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

