

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004361.D
 Acq On : 05 Sep 2018 10:09
 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
 9/6/2018 12:48:21 PM

Quant Time: Sep 06 00:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	345052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	288485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	202585	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.50	113	179571	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	664795	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.14	95	259414	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186184	46.59	ug/l	97
3) Chloromethane	1.32	50	200594	45.44	ug/l	98
4) Vinyl Chloride	1.40	62	212537	47.01	ug/l	98
5) Bromomethane	1.64	94	95064	42.35	ug/l	98
6) Chloroethane	1.71	64	139955	43.26	ug/l	98
7) Trichlorofluoromethane	1.92	101	295357	47.67	ug/l	95
8) Diethyl Ether	2.18	74	130644	49.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	190383	49.06	ug/l	99
10) Methyl Iodide	2.51	142	208811	47.88	ug/l	97
11) Tert butyl alcohol	3.06	59	205709	214.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	171676	46.97	ug/l	96
13) Acrolein	2.29	56	46616	201.70	ug/l	99
14) Allyl chloride	2.73	41	325559	48.47	ug/l	99
15) Acrylonitrile	3.15	53	541692	228.16	ug/l	99
16) Acetone	2.44	43	491794	268.48	ug/l	100
17) Carbon Disulfide	2.57	76	432037	42.68	ug/l	99
18) Methyl Acetate	2.78	43	383056	57.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	605901	50.30	ug/l	98
20) Methylene Chloride	2.85	84	199944	46.18	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	184687	45.65	ug/l	98
22) Diisopropyl ether	3.87	45	636942	50.79	ug/l	99
23) Vinyl Acetate	3.82	43	2411331	237.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	356906	48.84	ug/l	99
25) 2-Butanone	4.70	43	737769	244.76	ug/l	99
26) 2,2-Dichloropropane	4.58	77	294251	51.34	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222867	48.57	ug/l	100
28) Bromochloromethane	5.01	49	165838	51.26	ug/l	100
29) Tetrahydrofuran	5.15	42	446666	231.16	ug/l	100
30) Chloroform	5.21	83	358448	48.92	ug/l	98
31) Cyclohexane	5.57	56	307586	48.78	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	299983	49.10	ug/l	100
36) 1,1-Dichloropropene	5.79	75	269261	49.36	ug/l	99
37) Ethyl Acetate	4.85	43	255223	47.58	ug/l	99
38) Carbon Tetrachloride	5.77	117	260687	50.80	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332828	53.44	ug/l	98
40) Benzene	6.14	78	819820	50.30	ug/l	100
41) Methacrylonitrile	5.06	41	155856	50.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	273636	49.22	ug/l	99
43) Isopropyl Acetate	6.46	43	423382	51.36	ug/l	99
44) Trichloroethene	7.21	130	225662	50.02	ug/l	98
45) 1,2-Dichloropropane	7.51	63	211836	51.93	ug/l	98
46) Dibromomethane	7.66	93	134840	49.64	ug/l	100
47) Bromodichloromethane	7.90	83	266218	52.67	ug/l	99
48) Methyl methacrylate	7.77	41	228841	51.88	ug/l	98
49) 1,4-Dioxane	7.75	88	92188	920.57	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1407376	234.98	ug/l	99
52) Toluene	8.78	92	520275	51.00	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	303342	54.34	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	334177	54.96	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	211540	51.36	ug/l	99
56) Ethyl methacrylate	9.18	69	311738	55.60	ug/l	98
57) 1,3-Dichloropropane	9.37	76	355703	51.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	664386	231.27	ug/l	100
59) 2-Hexanone	9.49	43	1088300	238.18	ug/l	100
60) Dibromochloromethane	9.59	129	215726	53.76	ug/l	100
61) 1,2-Dibromoethane	9.67	107	216966	50.91	ug/l	99
64) Tetrachloroethene	9.34	164	233251	51.51	ug/l	98
65) Chlorobenzene	10.14	112	569931	49.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	201658	50.82	ug/l	99
67) Ethyl Benzene	10.25	91	977900	52.34	ug/l	98
68) m/p-Xylenes	10.36	106	776212	106.24	ug/l	97
69) o-Xylene	10.70	106	362421	52.44	ug/l	99
70) Styrene	10.71	104	629433	56.25	ug/l	97
71) Bromoform	10.86	173	158491	49.55	ug/l	100
73) Isopropylbenzene	11.02	105	1040617	54.92	ug/l	100
74) N-amyl acetate	10.90	43	362432	49.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	305321	46.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	288463m	49.16	ug/l	
77) Bromobenzene	11.26	156	259067	48.74	ug/l	98
78) n-propylbenzene	11.36	91	1193996	54.79	ug/l	99
79) 2-Chlorotoluene	11.42	91	671433	50.06	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	831272	52.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	97401	53.86	ug/l	96
82) 4-Chlorotoluene	11.51	91	800120	50.69	ug/l	99
83) tert-Butylbenzene	11.77	119	854880	54.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	894469	55.53	ug/l	100
85) sec-Butylbenzene	11.94	105	1090095	58.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	983983	58.58	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518345	51.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	521915	49.47	ug/l	99
89) n-Butylbenzene	12.39	91	871340	63.79	ug/l	99
90) Hexachloroethane	12.60	117	139531	59.43	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	513137	56.11	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59579	51.02	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	359568	54.03	ug/l	99
94) Hexachlorobutadiene	13.79	225	199290	64.42	ug/l	100
95) Naphthalene	13.83	128	1056999	56.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	394554	56.01	ug/l	96

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

