

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005464.D
 Acq On : 19 Oct 2018 17:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 20 05:35:03 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	250063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143008	51.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	5.51	113	117219	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	428908	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	163952	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	90385	46.229	ug/l	98
3) Chloromethane	1.32	50	124961	44.108	ug/l	96
4) Vinyl Chloride	1.40	62	131977	45.987	ug/l	100
5) Bromomethane	1.64	94	76921	47.487	ug/l	99
6) Chloroethane	1.71	64	83963	49.484	ug/l	100
7) Trichlorofluoromethane	1.92	101	188546	49.231	ug/l	95
8) Diethyl Ether	2.18	74	85770	52.444	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111533	50.456	ug/l	94
10) Methyl Iodide	2.51	142	152306	62.200	ug/l	99
11) Tert butyl alcohol	3.08	59	192165	245.461	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105659	48.243	ug/l	98
13) Acrolein	2.29	56	117431	234.935	ug/l	97
14) Allyl chloride	2.73	41	236486	49.181	ug/l	95
15) Acrylonitrile	3.15	53	431125	243.017	ug/l	98
16) Acetone	2.45	43	397360	247.630	ug/l	96
17) Carbon Disulfide	2.57	76	279825	42.176	ug/l	99
18) Methyl Acetate	2.78	43	245905	53.865	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	405183	52.529	ug/l	98
20) Methylene Chloride	2.85	84	125750	53.884	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	114040	46.985	ug/l	97
22) Diisopropyl ether	3.87	45	405868	50.253	ug/l	97
23) Vinyl Acetate	3.82	43	1712334	242.571	ug/l	96
24) 1,1-Dichloroethane	3.69	63	238806	51.592	ug/l	95
25) 2-Butanone	4.70	43	571060	243.232	ug/l	97
26) 2,2-Dichloropropane	4.58	77	169122	48.854	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	128790	48.825	ug/l	98
28) Bromochloromethane	5.01	49	110820	52.519	ug/l	94
29) Tetrahydrofuran	5.16	42	365791	244.252	ug/l	96
30) Chloroform	5.21	83	210709	49.044	ug/l	98
31) Cyclohexane	5.57	56	174022	45.615	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	185562	49.638	ug/l	99
36) 1,1-Dichloropropene	5.80	75	153167	43.032	ug/l	99
37) Ethyl Acetate	4.87	43	208784	45.611	ug/l	98
38) Carbon Tetrachloride	5.78	117	164910	46.110	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171426	44.500	ug/l	96
40) Benzene	6.15	78	496723	46.521	ug/l	96
41) Methacrylonitrile	5.06	41	116042	47.287	ug/l	97
42) 1,2-Dichloroethane	6.20	62	169470	44.950	ug/l	98
43) Isopropyl Acetate	6.46	43	314480	51.574	ug/l	97
44) Trichloroethene	7.21	130	130675	47.905	ug/l	97
45) 1,2-Dichloropropane	7.52	63	124805	47.651	ug/l	99
46) Dibromomethane	7.66	93	81899	47.377	ug/l	98
47) Bromodichloromethane	7.90	83	160172	50.092	ug/l	100
48) Methyl methacrylate	7.77	41	158423	50.094	ug/l	95
49) 1,4-Dioxane	7.76	88	66912	917.320	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1077611	255.233	ug/l	96
52) Toluene	8.79	92	298060	51.025	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180936	52.288	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	194546	51.886	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	125438	50.698	ug/l	98
56) Ethyl methacrylate	9.18	69	196052	54.355	ug/l	97
57) 1,3-Dichloropropane	9.37	76	207356	50.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	535137	264.550	ug/l	96
59) 2-Hexanone	9.50	43	849573	250.150	ug/l	95
60) Dibromochloromethane	9.59	129	133210	52.086	ug/l	99
61) 1,2-Dibromoethane	9.68	107	129887	50.022	ug/l	99
64) Tetrachloroethene	9.34	164	132497	48.360	ug/l	99
65) Chlorobenzene	10.14	112	341946	47.235	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	127186	49.302	ug/l	98
67) Ethyl Benzene	10.26	91	574063	48.780	ug/l	100
68) m/p-Xylenes	10.36	106	451010	98.737	ug/l	97
69) o-Xylene	10.70	106	216747	49.201	ug/l	97
70) Styrene	10.71	104	370551	51.139	ug/l	98
71) Bromoform	10.86	173	113697	49.319	ug/l	98
73) Isopropylbenzene	11.02	105	593319	51.524	ug/l	99
74) N-amyl acetate	10.90	43	282792	50.916	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	206703	47.584	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	191580m	50.987	ug/l	
77) Bromobenzene	11.26	156	162935	49.485	ug/l	98
78) n-propylbenzene	11.36	91	672831	50.775	ug/l	100
79) 2-Chlorotoluene	11.42	91	403659	49.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	504704	51.181	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	61994	50.132	ug/l	95
82) 4-Chlorotoluene	11.51	91	481155	50.014	ug/l	100
83) tert-Butylbenzene	11.77	119	506735	50.745	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	522978	51.534	ug/l	98
85) sec-Butylbenzene	11.94	105	599934	50.766	ug/l	99
86) p-Isopropyltoluene	12.07	119	551449	51.628	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	300757	48.883	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	304719	48.413	ug/l	99
89) n-Butylbenzene	12.39	91	484628	49.971	ug/l	98
90) Hexachloroethane	12.60	117	87800	47.696	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	305590	48.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51491	48.594	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	241385	52.402	ug/l	99
94) Hexachlorobutadiene	13.79	225	116470	47.874	ug/l	98
95) Naphthalene	13.83	128	741621	55.514	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	246751	52.353	ug/l	98

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

