

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014067.D
 Acq On : 17 Dec 2019 21:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/18/2019 11:04:39 AM

Quant Time: Dec 18 08:03:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	532087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	840631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	304558	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.48	113	255014	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	989674	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	349477	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	232190	48.777	ug/l	98
3) Chloromethane	1.32	50	318331	49.831	ug/l	98
4) Vinyl Chloride	1.40	62	338682	50.244	ug/l	100
5) Bromomethane	1.63	94	231573	48.403	ug/l	99
6) Chloroethane	1.71	64	213230	51.253	ug/l	94
7) Trichlorofluoromethane	1.92	101	424490	50.871	ug/l	99
8) Diethyl Ether	2.18	74	194938	49.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251955	50.090	ug/l	100
10) Methyl Iodide	2.50	142	344087	51.774	ug/l	99
11) Tert butyl alcohol	3.03	59	337391	258.925	ug/l	98
12) 1,1-Dichloroethene	2.36	96	257319	50.274	ug/l	95
13) Acrolein	2.28	56	246984	331.120	ug/l	98
14) Allyl chloride	2.72	41	473188	51.779	ug/l	99
15) Acrylonitrile	3.13	53	822204	270.337	ug/l	99
16) Acetone	2.43	43	814244	207.977	ug/l	100
17) Carbon Disulfide	2.56	76	703970	49.550	ug/l	99
18) Methyl Acetate	2.76	43	422701	54.487	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	877989	52.202	ug/l	98
20) Methylene Chloride	2.84	84	300171	48.688	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	275989	48.945	ug/l	98
22) Diisopropyl ether	3.84	45	960760	52.757	ug/l	97
23) Vinyl Acetate	3.80	43	3978775	267.728	ug/l	99
24) 1,1-Dichloroethane	3.69	63	511721	50.506	ug/l	99
25) 2-Butanone	4.65	43	1203349	249.305	ug/l	98
26) 2,2-Dichloropropane	4.58	77	369953	47.029	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	323864	50.785	ug/l	98
28) Bromochloromethane	5.01	49	216134	55.418	ug/l	98
29) Tetrahydrofuran	5.11	42	753553	279.118	ug/l	99
30) Chloroform	5.20	83	497077	51.753	ug/l	99
31) Cyclohexane	5.57	56	467801	51.913	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	422553	51.620	ug/l	98
36) 1,1-Dichloropropene	5.79	75	376884	48.862	ug/l	99
37) Ethyl Acetate	4.82	43	449120	52.728	ug/l	99
38) Carbon Tetrachloride	5.78	117	356042	50.670	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	462077	48.517	ug/l	97
40) Benzene	6.14	78	1175310	49.523	ug/l	100
41) Methacrylonitrile	5.03	41	248755	52.635	ug/l	99
42) 1,2-Dichloroethane	6.18	62	400493	49.782	ug/l	99
43) Isopropyl Acetate	6.43	43	732944	51.996	ug/l	100
44) Trichloroethene	7.21	130	315823	48.179	ug/l	98
45) 1,2-Dichloropropane	7.51	63	305395	50.205	ug/l	97
46) Dibromomethane	7.65	93	198168	49.274	ug/l	99
47) Bromodichloromethane	7.89	83	387984	51.224	ug/l	98
48) Methyl methacrylate	7.76	41	358480	51.935	ug/l	99
49) 1,4-Dioxane	7.73	88	147634	1051.012	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2305109	260.385	ug/l	100
52) Toluene	8.78	92	731724	48.779	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	430505	51.835	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	480680	51.950	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	295124	49.088	ug/l	99
56) Ethyl methacrylate	9.17	69	488935	51.772	ug/l	100
57) 1,3-Dichloropropane	9.37	76	505554	49.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	956672	267.676	ug/l	100
59) 2-Hexanone	9.49	43	1794246	251.773	ug/l	99
60) Dibromochloromethane	9.58	129	310740	51.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	312740	50.841	ug/l	100
64) Tetrachloroethene	9.33	164	347460	52.526	ug/l	99
65) Chlorobenzene	10.14	112	783953	49.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	290051	51.106	ug/l	99
67) Ethyl Benzene	10.24	91	1391210	50.909	ug/l	99
68) m/p-Xylenes	10.35	106	1055923	100.463	ug/l	99
69) o-Xylene	10.70	106	511942	49.663	ug/l	97
70) Styrene	10.71	104	882027	50.601	ug/l	99
71) Bromoform	10.85	173	237871	52.140	ug/l	99
73) Isopropylbenzene	11.01	105	1353338	51.953	ug/l	100
74) N-amyl acetate	10.89	43	652548	53.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	469206	51.955	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	434711m	54.121	ug/l	
77) Bromobenzene	11.25	156	347958	48.549	ug/l	100
78) n-propylbenzene	11.35	91	1523806	52.151	ug/l	100
79) 2-Chlorotoluene	11.42	91	901803	50.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1126525	51.385	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	153789	54.042	ug/l	99
82) 4-Chlorotoluene	11.51	91	1039543	50.457	ug/l	99
83) tert-Butylbenzene	11.77	119	1065484	49.941	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1128702	51.410	ug/l	100
85) sec-Butylbenzene	11.94	105	1294097	51.381	ug/l	100
86) p-Isopropyltoluene	12.06	119	1194436	51.844	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	612222	48.739	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	606785	47.508	ug/l	99
89) n-Butylbenzene	12.38	91	1012021	51.480	ug/l	99
90) Hexachloroethane	12.59	117	216590	52.339	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	613376	48.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97899	48.986	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	401067	48.800	ug/l	98
94) Hexachlorobutadiene	13.77	225	190767	48.297	ug/l	99
95) Naphthalene	13.83	128	1255240	51.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	406740	50.135	ug/l	98

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

