

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014084.D
 Acq On : 18 Dec 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:50:53 AM

Quant Time: Dec 18 16:23:16 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	560239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	849275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	323288	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	5.48	113	270430	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	1034707	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	375613	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	239627	47.810	ug/l	99
3) Chloromethane	1.32	50	328798	48.883	ug/l	100
4) Vinyl Chloride	1.40	62	346571	48.831	ug/l	99
5) Bromomethane	1.63	94	219915	43.656	ug/l	100
6) Chloroethane	1.72	64	215897	49.287	ug/l	97
7) Trichlorofluoromethane	1.92	101	431341	49.095	ug/l	100
8) Diethyl Ether	2.18	74	192946	46.793	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266393	50.299	ug/l	99
10) Methyl Iodide	2.50	142	354202	50.676	ug/l	99
11) Tert butyl alcohol	3.03	59	293831	214.164	ug/l	100
12) 1,1-Dichloroethene	2.36	96	259653	48.181	ug/l	99
13) Acrolein	2.28	56	262033	333.643	ug/l	98
14) Allyl chloride	2.72	41	483121	50.209	ug/l	100
15) Acrylonitrile	3.12	53	772777	241.318	ug/l	99
16) Acetone	2.43	43	962886	233.585	ug/l	100
17) Carbon Disulfide	2.56	76	720714	48.200	ug/l	99
18) Methyl Acetate	2.76	43	395014	48.359	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	870156	49.137	ug/l	99
20) Methylene Chloride	2.84	84	299591	46.152	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	287710	48.459	ug/l	99
22) Diisopropyl ether	3.84	45	966509	50.406	ug/l	94
23) Vinyl Acetate	3.80	43	4151617	265.321	ug/l	100
24) 1,1-Dichloroethane	3.69	63	519310	48.679	ug/l	99
25) 2-Butanone	4.65	43	1242441	244.469	ug/l	100
26) 2,2-Dichloropropane	4.57	77	413445	49.916	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	327236	48.735	ug/l	100
28) Bromochloromethane	5.00	49	229830	55.964	ug/l	97
29) Tetrahydrofuran	5.11	42	697908	245.517	ug/l	98
30) Chloroform	5.20	83	501518	49.592	ug/l	99
31) Cyclohexane	5.57	56	481658	50.765	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	421967	48.958	ug/l	99
36) 1,1-Dichloropropene	5.79	75	391284	50.212	ug/l	99
37) Ethyl Acetate	4.81	43	428465	49.791	ug/l	100
38) Carbon Tetrachloride	5.77	117	362462	51.058	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	490999	51.029	ug/l	99
40) Benzene	6.13	78	1182033	49.299	ug/l	100
41) Methacrylonitrile	5.03	41	237281	49.696	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404691	49.792	ug/l	99
43) Isopropyl Acetate	6.43	43	707723	49.696	ug/l	99
44) Trichloroethene	7.20	130	321479	48.543	ug/l	99
45) 1,2-Dichloropropane	7.50	63	306538	49.880	ug/l	97
46) Dibromomethane	7.65	93	198871	48.946	ug/l	98
47) Bromodichloromethane	7.89	83	391620	51.177	ug/l	99
48) Methyl methacrylate	7.76	41	351274	50.373	ug/l	98
49) 1,4-Dioxane	7.73	88	131122	923.961	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2179283	243.666	ug/l	99
52) Toluene	8.78	92	739637	48.805	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	434659	51.802	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	492432	52.679	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300778	49.519	ug/l	99
56) Ethyl methacrylate	9.17	69	479207	50.225	ug/l	99
57) 1,3-Dichloropropane	9.36	76	511061	50.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	976843	270.538	ug/l	100
59) 2-Hexanone	9.48	43	1761838	244.709	ug/l	100
60) Dibromochloromethane	9.57	129	312304	51.727	ug/l	99
61) 1,2-Dibromoethane	9.67	107	314436	50.596	ug/l	98
64) Tetrachloroethene	9.33	164	313255	46.167	ug/l	100
65) Chlorobenzene	10.13	112	800674	49.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	293829	50.473	ug/l	98
67) Ethyl Benzene	10.25	91	1417760	50.579	ug/l	99
68) m/p-Xylenes	10.35	106	1086647	100.792	ug/l	100
69) o-Xylene	10.69	106	516851	48.881	ug/l	98
70) Styrene	10.71	104	902244	50.462	ug/l	99
71) Bromoform	10.85	173	236327	50.502	ug/l	100
73) Isopropylbenzene	11.01	105	1393689	50.617	ug/l	100
74) N-amyl acetate	10.89	43	635138	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	459829	48.171	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	379267m	44.673	ug/l	
77) Bromobenzene	11.25	156	358059	47.265	ug/l	99
78) n-propylbenzene	11.35	91	1598817	51.768	ug/l	100
79) 2-Chlorotoluene	11.42	91	930403	49.559	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1176100	50.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153897	51.164	ug/l	97
82) 4-Chlorotoluene	11.51	91	1087560	49.941	ug/l	99
83) tert-Butylbenzene	11.76	119	1147115	50.868	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1181899	50.931	ug/l	99
85) sec-Butylbenzene	11.94	105	1373371	51.588	ug/l	100
86) p-Isopropyltoluene	12.06	119	1263684	51.893	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	644523	48.544	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	638197	47.274	ug/l	99
89) n-Butylbenzene	12.39	91	1122001	53.998	ug/l	99
90) Hexachloroethane	12.59	117	220281	50.361	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	634466	47.471	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96141	45.512	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	435497	50.132	ug/l	97
94) Hexachlorobutadiene	13.78	225	207391	49.675	ug/l	98
95) Naphthalene	13.83	128	1313136	51.450	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	432563	50.443	ug/l	97

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

