

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014136.D
 Acq On : 19 Dec 2019 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:24:42 AM

Quant Time: Dec 20 03:49:02 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	522948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	730541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	299051	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.49	113	246634	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	964839	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	344254	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	210660	45.028	ug/l	99
3) Chloromethane	1.32	50	296276	47.189	ug/l	98
4) Vinyl Chloride	1.40	62	311344	46.995	ug/l	100
5) Bromomethane	1.63	94	215299	45.788	ug/l	99
6) Chloroethane	1.72	64	197637	48.335	ug/l	92
7) Trichlorofluoromethane	1.92	101	394689	48.126	ug/l	99
8) Diethyl Ether	2.18	74	182593	47.440	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	233614	47.256	ug/l	99
10) Methyl Iodide	2.50	142	311075	47.835	ug/l	98
11) Tert butyl alcohol	3.03	59	300896	234.953	ug/l	99
12) 1,1-Dichloroethene	2.36	96	241848	48.077	ug/l	97
13) Acrolein	2.28	56	199316	271.883	ug/l	98
14) Allyl chloride	2.72	41	453409	50.481	ug/l	99
15) Acrylonitrile	3.13	53	766447	256.409	ug/l	100
16) Acetone	2.43	43	685891	178.254	ug/l	99
17) Carbon Disulfide	2.56	76	656485	47.053	ug/l	100
18) Methyl Acetate	2.76	43	407601	53.458	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	844662	51.098	ug/l	96
20) Methylene Chloride	2.85	84	283169	46.733	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	263602	47.565	ug/l	99
22) Diisopropyl ether	3.84	45	918461	51.316	ug/l	96
23) Vinyl Acetate	3.80	43	3258275	223.078	ug/l	100
24) 1,1-Dichloroethane	3.69	63	490185	49.226	ug/l	99
25) 2-Butanone	4.65	43	1084405	228.589	ug/l	99
26) 2,2-Dichloropropane	4.58	77	358212	46.332	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	310794	49.587	ug/l	98
28) Bromochloromethane	5.00	49	200820	52.416	ug/l	99
29) Tetrahydrofuran	5.11	42	694404	261.704	ug/l	99
30) Chloroform	5.20	83	472465	50.050	ug/l	97
31) Cyclohexane	5.57	56	435390	49.160	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	397881	49.455	ug/l	100
36) 1,1-Dichloropropene	5.79	75	362146	48.669	ug/l	100
37) Ethyl Acetate	4.82	43	423003	51.479	ug/l	99
38) Carbon Tetrachloride	5.78	117	341820	50.426	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428464	46.634	ug/l	98
40) Benzene	6.14	78	1116682	48.774	ug/l	98
41) Methacrylonitrile	5.03	41	234894	51.521	ug/l	98
42) 1,2-Dichloroethane	6.18	62	385350	49.653	ug/l	98
43) Isopropyl Acetate	6.43	43	700091	51.483	ug/l	100
44) Trichloroethene	7.21	130	308572	48.796	ug/l	98
45) 1,2-Dichloropropane	7.51	63	293013	49.933	ug/l	98
46) Dibromomethane	7.65	93	188216	48.512	ug/l	100
47) Bromodichloromethane	7.89	83	366865	50.208	ug/l	99
48) Methyl methacrylate	7.76	41	340161	51.084	ug/l	99
49) 1,4-Dioxane	7.73	88	128317	946.924	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2154683	252.300	ug/l	100
52) Toluene	8.78	92	702457	48.542	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	410594	51.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	459621	51.492	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	286409	49.382	ug/l	99
56) Ethyl methacrylate	9.17	69	469471	51.530	ug/l	100
57) 1,3-Dichloropropane	9.37	76	486901	49.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	890348	258.236	ug/l	100
59) 2-Hexanone	9.48	43	1639549	238.485	ug/l	99
60) Dibromochloromethane	9.58	129	301152	52.237	ug/l	100
61) 1,2-Dibromoethane	9.67	107	301179	50.753	ug/l	100
64) Tetrachloroethene	9.33	164	403504	62.420	ug/l	98
65) Chlorobenzene	10.14	112	749256	48.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	279655	50.423	ug/l	100
67) Ethyl Benzene	10.25	91	1341774	50.244	ug/l	99
68) m/p-Xylenes	10.35	106	1013240	98.649	ug/l	100
69) o-Xylene	10.70	106	490374	48.680	ug/l	98
70) Styrene	10.71	104	844139	49.556	ug/l	99
71) Bromoform	10.85	173	228713	51.302	ug/l	100
73) Isopropylbenzene	11.01	105	1304987	51.101	ug/l	100
74) N-amyl acetate	10.89	43	612740	51.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	428931	48.447	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	355163m	45.104	ug/l	
77) Bromobenzene	11.25	156	339863	48.370	ug/l	98
78) n-propylbenzene	11.35	91	1474025	51.459	ug/l	100
79) 2-Chlorotoluene	11.42	91	866356	49.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1071830	49.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143407	51.404	ug/l	99
82) 4-Chlorotoluene	11.51	91	994087	49.218	ug/l	100
83) tert-Butylbenzene	11.76	119	952968	45.562	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1102310	51.215	ug/l	100
85) sec-Butylbenzene	11.94	105	1243146	50.347	ug/l	100
86) p-Isopropyltoluene	12.06	119	1139291	50.442	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	594350	48.265	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	594154	47.452	ug/l	99
89) n-Butylbenzene	12.38	91	971099	50.389	ug/l	99
90) Hexachloroethane	12.59	117	205257	50.595	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	589639	47.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93328	47.635	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	394880	49.010	ug/l	97
94) Hexachlorobutadiene	13.77	225	184346	47.607	ug/l	97
95) Naphthalene	13.83	128	1256489	53.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394804	49.639	ug/l	97

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

