

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013744.D
 Acq On : 04 Dec 2019 11:49
 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
 12/5/2019 11:25:07 AM

Quant Time: Dec 05 01:06:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	717548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1050839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	376846	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	5.48	113	317162	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1201549	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.13	95	442216	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	404140	50.601	ug/l	99
3) Chloromethane	1.32	50	405337	45.230	ug/l	99
4) Vinyl Chloride	1.40	62	495492	49.124	ug/l	98
5) Bromomethane	1.63	94	298949	44.133	ug/l	99
6) Chloroethane	1.71	64	263907	45.979	ug/l	96
7) Trichlorofluoromethane	1.92	101	552936	49.369	ug/l	100
8) Diethyl Ether	2.18	74	245190	48.389	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	344044	50.290	ug/l	99
10) Methyl Iodide	2.50	142	347115	41.945	ug/l	99
11) Tert butyl alcohol	3.03	59	426794	207.595	ug/l	99
12) 1,1-Dichloroethene	2.36	96	332830	48.740	ug/l	97
13) Acrolein	2.28	56	333732	242.902	ug/l	100
14) Allyl chloride	2.72	41	599877	48.407	ug/l	98
15) Acrylonitrile	3.13	53	989416	233.148	ug/l	99
16) Acetone	2.43	43	1077400	262.002	ug/l	99
17) Carbon Disulfide	2.56	76	919950	47.258	ug/l	100
18) Methyl Acetate	2.76	43	568266	49.627	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1122546	49.622	ug/l	100
20) Methylene Chloride	2.84	84	371067	46.969	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	356948	47.983	ug/l	98
22) Diisopropyl ether	3.84	45	1172600	49.141	ug/l	93
23) Vinyl Acetate	3.80	43	4879172	245.794	ug/l	99
24) 1,1-Dichloroethane	3.68	63	645027	49.448	ug/l	99
25) 2-Butanone	4.65	43	1495058	244.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	554442	51.372	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	406738	47.610	ug/l	99
28) Bromochloromethane	5.00	49	247784	48.067	ug/l	99
29) Tetrahydrofuran	5.11	42	894128	237.324	ug/l	100
30) Chloroform	5.20	83	627501	47.433	ug/l	99
31) Cyclohexane	5.56	56	593154	48.210	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	556325	50.323	ug/l	99
36) 1,1-Dichloropropene	5.79	75	488370	51.197	ug/l	99
37) Ethyl Acetate	4.81	43	541943	50.643	ug/l	100
38) Carbon Tetrachloride	5.77	117	479451	54.509	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	621078	52.674	ug/l	99
40) Benzene	6.13	78	1445271	49.747	ug/l	100
41) Methacrylonitrile	5.03	41	302708	51.579	ug/l	98
42) 1,2-Dichloroethane	6.18	62	504907	50.959	ug/l	99
43) Isopropyl Acetate	6.43	43	898538	51.002	ug/l	99
44) Trichloroethene	7.20	130	401608	50.369	ug/l	99
45) 1,2-Dichloropropane	7.50	63	374475	51.518	ug/l	100
46) Dibromomethane	7.65	93	248174	50.270	ug/l	99
47) Bromodichloromethane	7.89	83	505184	54.129	ug/l	98
48) Methyl methacrylate	7.76	41	448418	52.385	ug/l	99
49) 1,4-Dioxane	7.73	88	165914	865.911	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2777449	250.628	ug/l	100
52) Toluene	8.78	92	931937	51.635	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	570882	53.740	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	626000	53.938	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	376744	51.799	ug/l	98
56) Ethyl methacrylate	9.17	69	615785	52.660	ug/l	99
57) 1,3-Dichloropropane	9.36	76	635465	50.688	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1335133	291.212	ug/l	99
59) 2-Hexanone	9.48	43	2167313	250.757	ug/l	100
60) Dibromochloromethane	9.57	129	414127	54.865	ug/l	100
61) 1,2-Dibromoethane	9.67	107	398588	51.311	ug/l	99
64) Tetrachloroethene	9.33	164	362360	51.892	ug/l	98
65) Chlorobenzene	10.14	112	1002448	51.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	377544	54.080	ug/l	99
67) Ethyl Benzene	10.25	91	1774741	53.124	ug/l	99
68) m/p-Xylenes	10.35	106	1365050	106.725	ug/l	99
69) o-Xylene	10.70	106	660967	52.986	ug/l	99
70) Styrene	10.71	104	1134357	54.058	ug/l	99
71) Bromoform	10.85	173	329936	57.118	ug/l #	100
73) Isopropylbenzene	11.01	105	1756976	52.287	ug/l	100
74) N-amyl acetate	10.89	43	809205	52.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	591858	50.789	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	477102m	44.281	ug/l	
77) Bromobenzene	11.25	156	466134	51.348	ug/l	98
78) n-propylbenzene	11.35	91	2000593	53.333	ug/l	99
79) 2-Chlorotoluene	11.42	91	1164934	51.771	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1485835	53.951	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	207818	52.769	ug/l	97
82) 4-Chlorotoluene	11.51	91	1354662	51.978	ug/l	100
83) tert-Butylbenzene	11.76	119	1511212	53.993	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1494923	53.484	ug/l	100
85) sec-Butylbenzene	11.94	105	1737207	54.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	1613494	54.251	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	825187	52.147	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	817474	50.718	ug/l	99
89) n-Butylbenzene	12.39	91	1407894	55.502	ug/l	100
90) Hexachloroethane	12.59	117	297360	55.314	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	807982	51.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131608	51.862	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	589814	54.129	ug/l	99
94) Hexachlorobutadiene	13.78	225	288620	55.139	ug/l	99
95) Naphthalene	13.83	128	1762907	54.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	575453	53.338	ug/l	100

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

