

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013434.D
 Acq On : 15 Nov 2019 10:07
 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

MMDadoda
 11/18/2019 10:24:07 AM

Quant Time: Nov 15 23:10:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	697558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1051938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	951024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	398476	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	336536	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1290047	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	463796	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	374665	46.616	ug/l	98
3) Chloromethane	1.32	50	403559	46.301	ug/l	99
4) Vinyl Chloride	1.40	62	473936	47.763	ug/l	100
5) Bromomethane	1.63	94	284395	41.128	ug/l	99
6) Chloroethane	1.71	64	260776	45.876	ug/l	99
7) Trichlorofluoromethane	1.92	101	520338	44.385	ug/l	98
8) Diethyl Ether	2.18	74	236883	45.694	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	331084	50.671	ug/l	98
10) Methyl Iodide	2.50	142	412703	51.016	ug/l	98
11) Tert butyl alcohol	3.03	59	423998	194.660	ug/l	100
12) 1,1-Dichloroethene	2.36	96	315622	49.327	ug/l	99
13) Acrolein	2.28	56	306681	259.790	ug/l	99
14) Allyl chloride	2.72	41	589882	50.738	ug/l	96
15) Acrylonitrile	3.12	53	1015798	249.663	ug/l	98
16) Acetone	2.43	43	981418	238.094	ug/l	99
17) Carbon Disulfide	2.56	76	813037	47.473	ug/l	100
18) Methyl Acetate	2.76	43	578718	50.855	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1092587	51.196	ug/l	98
20) Methylene Chloride	2.84	84	364808	47.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	343781	49.345	ug/l	99
22) Diisopropyl ether	3.84	45	1178100	52.488	ug/l	92
23) Vinyl Acetate	3.80	43	4880269	254.097	ug/l	100
24) 1,1-Dichloroethane	3.68	63	630793	50.238	ug/l	99
25) 2-Butanone	4.65	43	1472909	243.577	ug/l	99
26) 2,2-Dichloropropane	4.57	77	524578	52.517	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	400697	51.343	ug/l	100
28) Bromochloromethane	5.00	49	198291	55.620	ug/l	100
29) Tetrahydrofuran	5.11	42	906169	243.175	ug/l	100
30) Chloroform	5.20	83	623646	50.301	ug/l	99
31) Cyclohexane	5.56	56	557600	49.353	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	524822	49.187	ug/l	99
36) 1,1-Dichloropropene	5.79	75	467100	51.760	ug/l	99
37) Ethyl Acetate	4.81	43	545912	48.956	ug/l	99
38) Carbon Tetrachloride	5.77	117	452907	51.323	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	585031	52.028	ug/l	99
40) Benzene	6.13	78	1426534	50.747	ug/l	99
41) Methacrylonitrile	5.02	41	304101	48.655	ug/l	97
42) 1,2-Dichloroethane	6.18	62	496163	48.933	ug/l	98
43) Isopropyl Acetate	6.43	43	882935	50.848	ug/l	99
44) Trichloroethene	7.20	130	388254	50.176	ug/l	96
45) 1,2-Dichloropropane	7.50	63	374172	52.241	ug/l	97
46) Dibromomethane	7.65	93	241996	49.485	ug/l	98
47) Bromodichloromethane	7.89	83	489216	53.051	ug/l	97
48) Methyl methacrylate	7.76	41	446145	51.472	ug/l	97
49) 1,4-Dioxane	7.73	88	175277	882.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2823072	247.803	ug/l	99
52) Toluene	8.78	92	900173	51.667	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	550751	54.617	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	607804	53.884	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	369696	51.194	ug/l	98
56) Ethyl methacrylate	9.17	69	604157	49.035	ug/l	97
57) 1,3-Dichloropropane	9.37	76	626808	51.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1468188	297.341	ug/l	100
59) 2-Hexanone	9.48	43	2196708	249.519	ug/l	99
60) Dibromochloromethane	9.57	129	398085	53.900	ug/l	100
61) 1,2-Dibromoethane	9.67	107	390051	50.865	ug/l	100
64) Tetrachloroethene	9.33	164	343502	50.455	ug/l	98
65) Chlorobenzene	10.14	112	978502	50.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	366844	51.891	ug/l	100
67) Ethyl Benzene	10.25	91	1740005	52.362	ug/l	100
68) m/p-Xylenes	10.35	106	1336452	106.343	ug/l	99
69) o-Xylene	10.70	106	642281	52.202	ug/l	100
70) Styrene	10.71	104	1114422	54.184	ug/l	99
71) Bromoform	10.85	173	312125	47.770	ug/l	98
73) Isopropylbenzene	11.01	105	1727259	54.095	ug/l	100
74) N-amyl acetate	10.89	43	796410	53.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	600766	51.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	559899m	57.239	ug/l	
77) Bromobenzene	11.25	156	447431	52.564	ug/l	99
78) n-propylbenzene	11.35	91	1982079	55.726	ug/l	99
79) 2-Chlorotoluene	11.42	91	1151177	53.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1445996	54.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	201864	53.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	1334538	53.199	ug/l	100
83) tert-Butylbenzene	11.76	119	1463004	54.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1463405	54.851	ug/l	98
85) sec-Butylbenzene	11.94	105	1710099	55.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	1599339	56.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	808464	53.283	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	809381	52.356	ug/l	100
89) n-Butylbenzene	12.39	91	1411246	57.082	ug/l	99
90) Hexachloroethane	12.59	117	283343	56.127	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	802113	52.885	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128334	45.220	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	576468	54.488	ug/l	100
94) Hexachlorobutadiene	13.78	225	287139	55.476	ug/l	98
95) Naphthalene	13.83	128	1751704	52.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	568657	53.596	ug/l	99

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

