

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013665.D
 Acq On : 27 Nov 2019 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:17 PM

Quant Time: Nov 28 04:25:41 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	644222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1001938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	364255	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.49	113	304188	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1172486	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	419749	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	369327	51.506	ug/l	98
3) Chloromethane	1.32	50	400805	49.815	ug/l	97
4) Vinyl Chloride	1.40	62	472631	52.191	ug/l	97
5) Bromomethane	1.63	94	229741	37.776	ug/l	99
6) Chloroethane	1.71	64	258184	50.102	ug/l	97
7) Trichlorofluoromethane	1.92	101	496509	49.376	ug/l	98
8) Diethyl Ether	2.18	74	230785	50.730	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302908	49.317	ug/l	99
10) Methyl Iodide	2.50	142	297991	40.107	ug/l	100
11) Tert butyl alcohol	3.03	59	435948	236.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	308929	50.389	ug/l	100
13) Acrolein	2.28	56	265307	215.767	ug/l	99
14) Allyl chloride	2.72	41	556080	49.980	ug/l	100
15) Acrylonitrile	3.13	53	974894	255.873	ug/l	99
16) Acetone	2.44	43	846363	229.245	ug/l	100
17) Carbon Disulfide	2.56	76	820904	46.970	ug/l	100
18) Methyl Acetate	2.76	43	546361	53.144	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1029594	50.694	ug/l	100
20) Methylene Chloride	2.84	84	349514	49.277	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	331618	49.652	ug/l	99
22) Diisopropyl ether	3.84	45	1097945	51.250	ug/l	96
23) Vinyl Acetate	3.80	43	4611864	258.772	ug/l	99
24) 1,1-Dichloroethane	3.69	63	600416	51.267	ug/l	99
25) 2-Butanone	4.66	43	1389477	253.232	ug/l	98
26) 2,2-Dichloropropane	4.58	77	436446	45.042	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	377461	49.212	ug/l	98
28) Bromochloromethane	5.00	49	248725	53.743	ug/l	100
29) Tetrahydrofuran	5.11	42	900447	266.204	ug/l	99
30) Chloroform	5.20	83	575873	48.485	ug/l	97
31) Cyclohexane	5.57	56	541387	49.011	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	498988	50.274	ug/l	99
36) 1,1-Dichloropropene	5.79	75	437757	48.131	ug/l	98
37) Ethyl Acetate	4.82	43	528403	51.788	ug/l	99
38) Carbon Tetrachloride	5.78	117	418630	49.917	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	538828	47.928	ug/l	98
40) Benzene	6.14	78	1361184	49.139	ug/l	99
41) Methacrylonitrile	5.03	41	292281	52.233	ug/l	99
42) 1,2-Dichloroethane	6.19	62	471424	49.902	ug/l	99
43) Isopropyl Acetate	6.43	43	842250	50.140	ug/l	100
44) Trichloroethene	7.21	130	365188	48.036	ug/l	93
45) 1,2-Dichloropropane	7.51	63	354199	51.106	ug/l	98
46) Dibromomethane	7.65	93	230118	48.887	ug/l	100
47) Bromodichloromethane	7.89	83	446184	50.141	ug/l	100
48) Methyl methacrylate	7.76	41	424964	52.068	ug/l	98
49) 1,4-Dioxane	7.73	88	183982	1007.073	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2742736	259.575	ug/l	100
52) Toluene	8.78	92	849919	49.389	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	497386	49.106	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	555619	50.210	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	351005	50.615	ug/l	99
56) Ethyl methacrylate	9.17	69	573766	51.462	ug/l	99
57) 1,3-Dichloropropane	9.37	76	588117	49.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1115801	255.251	ug/l	100
59) 2-Hexanone	9.48	43	2099907	254.816	ug/l	99
60) Dibromochloromethane	9.58	129	363143	50.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	365095	49.293	ug/l	98
64) Tetrachloroethene	9.33	164	320242	47.408	ug/l	97
65) Chlorobenzene	10.14	112	911934	48.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	339952	50.339	ug/l	100
67) Ethyl Benzene	10.25	91	1626246	50.322	ug/l	99
68) m/p-Xylenes	10.36	106	1234393	99.768	ug/l	99
69) o-Xylene	10.70	106	600529	49.766	ug/l	100
70) Styrene	10.71	104	1026435	50.567	ug/l	100
71) Bromoform	10.85	173	279254	49.976	ug/l	99
73) Isopropylbenzene	11.01	105	1572029	49.403	ug/l	99
74) N-amyl acetate	10.89	43	750344	51.476	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	559401	50.692	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	439652m	43.090	ug/l	
77) Bromobenzene	11.25	156	414373	48.203	ug/l	98
78) n-propylbenzene	11.35	91	1771102	49.860	ug/l	99
79) 2-Chlorotoluene	11.42	91	1053226	49.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1320579	50.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	180775	48.473	ug/l	99
82) 4-Chlorotoluene	11.51	91	1215353	49.245	ug/l	99
83) tert-Butylbenzene	11.76	119	1336236	50.415	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1328589	50.195	ug/l	99
85) sec-Butylbenzene	11.94	105	1524781	50.366	ug/l	99
86) p-Isopropyltoluene	12.06	119	1410659	50.087	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	716165	47.792	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	712092	46.654	ug/l	99
89) n-Butylbenzene	12.39	91	1201867	50.034	ug/l	100
90) Hexachloroethane	12.59	117	250832	49.272	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	721511	48.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122511	50.981	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	487304	47.226	ug/l	98
94) Hexachlorobutadiene	13.78	225	225693	45.532	ug/l	100
95) Naphthalene	13.83	128	1599758	52.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	500800	49.018	ug/l	98

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

