

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013343.D
 Acq On : 07 Nov 2019 10:29
 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
 11/8/2019 9:33:04 AM

Quant Time: Nov 07 16:23:10 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	747898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1131758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1025739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	521163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	415660	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.48	113	341074	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.71	98	1299450	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	473063	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	399310	46.338	ug/l	100
3) Chloromethane	1.31	50	423611	45.331	ug/l	100
4) Vinyl Chloride	1.40	62	487991	45.869	ug/l	99
5) Bromomethane	1.63	94	299646	40.417	ug/l	99
6) Chloroethane	1.71	64	264992	43.416	ug/l	99
7) Trichlorofluoromethane	1.92	101	532572	42.371	ug/l	97
8) Diethyl Ether	2.17	74	253885	45.677	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	334819	47.793	ug/l	99
10) Methyl Iodide	2.50	142	402196	46.371	ug/l	98
11) Tert butyl alcohol	3.03	59	452837	193.907	ug/l	100
12) 1,1-Dichloroethene	2.36	96	325758	47.484	ug/l	98
13) Acrolein	2.28	56	320730	253.404	ug/l	98
14) Allyl chloride	2.72	41	607936	48.771	ug/l	97
15) Acrylonitrile	3.12	53	1031965	236.564	ug/l	99
16) Acetone	2.43	43	1063230	240.580	ug/l	100
17) Carbon Disulfide	2.56	76	874413	47.621	ug/l	99
18) Methyl Acetate	2.76	43	578993	47.454	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1140520	49.845	ug/l	99
20) Methylene Chloride	2.84	84	372851	45.662	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	353829	47.369	ug/l	99
22) Diisopropyl ether	3.84	45	1199284	49.835	ug/l	98
23) Vinyl Acetate	3.80	43	5085450	246.958	ug/l	100
24) 1,1-Dichloroethane	3.68	63	645217	47.928	ug/l	99
25) 2-Butanone	4.65	43	1544018	238.150	ug/l	98
26) 2,2-Dichloropropane	4.57	77	532631	49.734	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	414003	49.477	ug/l	98
28) Bromochloromethane	5.00	49	197153	51.579	ug/l	99
29) Tetrahydrofuran	5.11	42	924402	231.371	ug/l	100
30) Chloroform	5.19	83	636091	47.851	ug/l	97
31) Cyclohexane	5.56	56	579720	47.857	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	533633	46.646	ug/l	99
36) 1,1-Dichloropropene	5.78	75	476238	49.051	ug/l	99
37) Ethyl Acetate	4.81	43	553964	46.175	ug/l	99
38) Carbon Tetrachloride	5.77	117	461448	48.603	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	600853	49.667	ug/l	98
40) Benzene	6.12	78	1451646	47.998	ug/l	99
41) Methacrylonitrile	5.02	41	324693	48.286	ug/l	98
42) 1,2-Dichloroethane	6.18	62	523750	48.011	ug/l	99
43) Isopropyl Acetate	6.43	43	923650	49.441	ug/l	99
44) Trichloroethene	7.20	130	401070	48.177	ug/l	100
45) 1,2-Dichloropropane	7.50	63	381204	49.469	ug/l	99
46) Dibromomethane	7.65	93	254460	48.364	ug/l	99
47) Bromodichloromethane	7.89	83	505507	50.951	ug/l	97
48) Methyl methacrylate	7.76	41	468577	50.247	ug/l	98
49) 1,4-Dioxane	7.73	88	194804	912.157	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2890587	235.835	ug/l	100
52) Toluene	8.78	92	914173	48.770	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	572118	52.735	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	632544	52.122	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	382843	49.275	ug/l	98
56) Ethyl methacrylate	9.17	69	622967	47.061	ug/l	98
57) 1,3-Dichloropropane	9.36	76	644002	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1353723	254.824	ug/l	100
59) 2-Hexanone	9.48	43	2319180	244.851	ug/l	99
60) Dibromochloromethane	9.57	129	413354	52.020	ug/l	98
61) 1,2-Dibromoethane	9.67	107	409912	49.685	ug/l	100
64) Tetrachloroethene	9.33	164	351092	47.813	ug/l	98
65) Chlorobenzene	10.13	112	1005686	48.428	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	378344	49.619	ug/l	100
67) Ethyl Benzene	10.25	91	1779119	49.639	ug/l	100
68) m/p-Xylenes	10.35	106	1347943	99.445	ug/l	100
69) o-Xylene	10.69	106	660394	49.764	ug/l	98
70) Styrene	10.71	104	1146892	51.701	ug/l	99
71) Bromoform	10.85	173	328553	46.698	ug/l #	98
73) Isopropylbenzene	11.01	105	1749790	50.639	ug/l	100
74) N-amyl acetate	10.89	43	828038	51.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	615157	48.800	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	491727m	46.453	ug/l	
77) Bromobenzene	11.25	156	459650	49.899	ug/l	98
78) n-propylbenzene	11.35	91	2001812	52.007	ug/l	100
79) 2-Chlorotoluene	11.42	91	1167114	50.327	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1482752	51.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	215252	52.341	ug/l	96
82) 4-Chlorotoluene	11.51	91	1368693	50.418	ug/l	100
83) tert-Butylbenzene	11.76	119	1495840	51.629	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1478437	51.206	ug/l	99
85) sec-Butylbenzene	11.94	105	1711448	51.398	ug/l	100
86) p-Isopropyltoluene	12.06	119	1593877	51.982	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	822398	50.086	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	825049	49.317	ug/l	99
89) n-Butylbenzene	12.39	91	1404422	52.493	ug/l	100
90) Hexachloroethane	12.59	117	284283	52.037	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	825448	50.292	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	135245	44.037	ug/l	99

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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	582705	50.896	ug/l	99
94) Hexachlorobutadiene	13.78	225	275375	49.163	ug/l	97
95) Naphthalene	13.83	128	1844695	51.354	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	589701	51.359	ug/l	99

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

