

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012599.D
 Acq On : 23 Sep 2019 12:05
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:15 AM

Quant Time: Sep 23 12:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:16:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145203	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	412553	154.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.94%	
35) Dibromofluoromethane	5.49	113	310858	155.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.98%	
50) Toluene-d8	8.71	98	1177740	159.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.32%	
62) 4-Bromofluorobenzene	11.14	95	486465	158.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	304522	271.526	ug/l	98
3) Chloromethane	1.31	50	352730	345.413	ug/l	99
4) Vinyl Chloride	1.40	62	365632	331.273	ug/l	96
5) Bromomethane	1.62	94	145176	334.799	ug/l	97
7) Trichlorofluoromethane	1.91	101	495354	244.828	ug/l	97
8) Diethyl Ether	2.18	74	200548	219.451	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	304615	208.085	ug/l	96
10) Methyl Iodide	2.49	142	347429	311.153	ug/l	95
11) Tert butyl alcohol	3.06	59	515048	719.510	ug/l	100
12) 1,1-Dichloroethene	2.36	96	307063	262.941	ug/l	99
13) Acrolein	2.28	56	287577	1115.778	ug/l	98
14) Allvl chloride	2.71	41	609753	224.272	ug/l	98
15) Acrylonitrile	3.14	53	1070759	928.188	ug/l	98
16) Acetone	2.44	43	1017997	755.744	ug/l	99
17) Carbon Disulfide	2.55	76	881811	609.572	ug/l	99
18) Methyl Acetate	2.76	43	496215	178.879	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	1151797	180.893	ug/l	99
20) Methylene Chloride	2.84	84	354135	219.807	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	333950	275.382	ug/l	97
22) Diisopropyl ether	3.85	45	1143724	179.664	ug/l	91
23) Vinyl Acetate	3.81	43	5207748	994.486	ug/l	97
24) 1,1-Dichloroethane	3.69	63	627580	206.045	ug/l	99
25) 2-Butanone	4.67	43	1559001	844.246	ug/l	98
26) 2,2-Dichloropropane	4.57	77	552891	184.573	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	386808	213.523	ug/l	95
28) Bromochloromethane	5.00	49	210643	134.147	ug/l	99
29) Tetrahydrofuran	5.12	42	971573	952.389	ug/l	98
30) Chloroform	5.20	83	631917	180.650	ug/l	96
31) Cyclohexane	5.57	56	572136	311.173	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	571276	195.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	478492	239.120	ug/l	98
37) Ethyl Acetate	4.83	43	581064	189.172	ug/l	98
38) Carbon Tetrachloride	5.78	117	497569	199.927	ug/l	99
39) Methylcyclohexane	7.46	83	577769	297.010	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	1404793	220.767	ug/l	98
41) Methacrylonitrile	5.03	41	322257	162.937	ug/l	97
42) 1,2-Dichloroethane	6.18	62	532129	180.300	ug/l	100
43) Isopropyl Acetate	6.44	43	967685	175.529	ug/l	98
44) Trichloroethene	7.20	130	362849	216.772	ug/l	94
45) 1,2-Dichloropropane	7.51	63	368330	188.408	ug/l	98
46) Dibromomethane	7.65	93	247364	195.530	ug/l	96
47) Bromodichloromethane	7.89	83	514981	182.822	ug/l	99
48) Methyl methacrylate	7.76	41	477422	183.712	ug/l	94
49) 1,4-Dioxane	7.74	88	208287	3293.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2992829	827.809	ug/l	96
52) Toluene	8.78	92	891787	217.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	606827	207.242	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	630758	208.075	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	361373	171.069	ug/l	97
56) Ethyl methacrylate	9.17	69	655278	198.402	ug/l	94
57) 1,3-Dichloropropane	9.37	76	628960	186.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1440540	842.590	ug/l	99
59) 2-Hexanone	9.49	43	2296333	814.135	ug/l	96
60) Dibromochloromethane	9.58	129	403980	187.745	ug/l	100
61) 1,2-Dibromoethane	9.67	107	385013	199.561	ug/l	99
64) Tetrachloroethene	9.33	164	296344	210.942	ug/l	95
65) Chlorobenzene	10.14	112	965556	190.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	365938	174.252	ug/l	99
67) Ethyl Benzene	10.25	91	1770989	203.714	ug/l	99
68) m/p-Xylenes	10.35	106	1318962	416.980	ug/l	100
69) o-Xylene	10.70	106	647330	198.995	ug/l	100
70) Stvrene	10.71	104	1146493	199.198	ug/l	99
71) Bromoform	10.85	173	289768	184.489	ug/l	98
73) Isopropylbenzene	11.01	105	1718426	188.618	ug/l	100
74) N-amyl acetate	10.90	43	861954	175.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574603	160.779	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	541401m	162.318	ug/l	
77) Bromobenzene	11.25	156	399659	179.871	ug/l	98
78) n-propylbenzene	11.35	91	1979993	194.993	ug/l	100
79) 2-Chlorotoluene	11.42	91	1191993	180.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1462839	188.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	218648	194.691	ug/l	94
82) 4-Chlorotoluene	11.51	91	1406964	185.578	ug/l	98
83) tert-Butylbenzene	11.77	119	1427841	171.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1496440	187.573	ug/l	99
85) sec-Butylbenzene	11.95	105	1655077	180.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	1524842	181.003	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	726806	173.893	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	722495	168.282	ug/l	99
89) n-Butylbenzene	12.39	91	1391921	185.179	ug/l	99
90) Hexachloroethane	12.59	117	289720	187.558	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	702317	160.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	153911	166.113	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	463411	164.692	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	191683	144.537	ug/l	98
95) Naphthalene	13.83	128	1692118	169.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	452541	157.826	ug/l	99

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

