

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019011.D
 Acq On : 21 Oct 2020 19:52
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:22:06 PM

Quant Time: Oct 22 01:55:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	495782	133.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	267.32%	
35) Dibromofluoromethane	5.47	113	453074	148.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.66%	
50) Toluene-d8	8.70	98	1732816	155.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.30%	
62) 4-Bromofluorobenzene	11.12	95	592301	135.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	423419	164.735	ug/l	100
4) Vinyl Chloride	1.39	62	480021	150.889	ug/l	98
5) Bromomethane	1.64	94	391313	183.247	ug/l	97
6) Chloroethane	1.71	64	171678	91.808	ug/l	99
7) Trichlorofluoromethane	1.91	101	807535	164.223	ug/l	100
8) Diethyl Ether	2.17	74	309941	175.678	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	383730	149.172	ug/l	99
10) Methyl Iodide	2.49	142	573593	201.767	ug/l	100
11) Tert butyl alcohol	3.10	59	489000m	741.831	ug/l	
12) 1,1-Dichloroethene	2.36	96	401753	154.048	ug/l	95
13) Acrolein	2.28	56	196138	510.105	ug/l	98
14) Allyl chloride	2.71	41	519880	108.494	ug/l	98
15) Acrylonitrile	3.12	53	967097	634.436	ug/l	99
16) Acetone	2.43	43	791805	565.080	ug/l	99
17) Carbon Disulfide	2.55	76	1134366	146.724	ug/l	100
18) Methyl Acetate	2.75	43	421892	121.431	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1287679	142.977	ug/l	99
20) Methylene Chloride	2.84	84	462702	144.200	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	471431	154.766	ug/l	99
22) Diisopropyl ether	3.82	45	1033316	114.220	ug/l	97
23) Vinyl Acetate	3.79	43	4974707	617.284	ug/l	98
24) 1,1-Dichloroethane	3.67	63	745068	137.706	ug/l	99
25) 2-Butanone	4.64	43	1302389	596.117	ug/l	99
26) 2,2-Dichloropropane	4.55	77	684382	136.624	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	543011	158.697	ug/l	97
28) Bromochloromethane	4.98	49	326387	131.445	ug/l	95
29) Tetrahydrofuran	5.09	42	780057	574.173	ug/l	99
30) Chloroform	5.18	83	826782	149.032	ug/l	97
31) Cyclohexane	5.55	56	571138	128.296	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	759808	146.864	ug/l	99
36) 1,1-Dichloropropene	5.77	75	620720	145.016	ug/l	99
37) Ethyl Acetate	4.80	43	537494	121.314	ug/l	99
38) Carbon Tetrachloride	5.76	117	665447	141.683	ug/l	98
39) Methylcyclohexane	7.44	83	688996	143.274	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	1834547	148.247	ug/l	100
41) Methacrylonitrile	5.01	41	284110	115.759	ug/l	99
42) 1,2-Dichloroethane	6.16	62	618923	130.973	ug/l	99
43) Isopropyl Acetate	6.42	43	907061	122.865	ug/l	99
44) Trichloroethene	7.19	130	545786	152.411	ug/l	99
45) 1,2-Dichloropropane	7.49	63	440932	132.081	ug/l	98
46) Dibromomethane	7.64	93	336219	145.172	ug/l	98
47) Bromodichloromethane	7.88	83	684278	146.773	ug/l	98
48) Methyl methacrylate	7.75	41	431301	120.867	ug/l	99
49) 1,4-Dioxane	7.74	88	192424	3070.641	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2515289	573.430	ug/l	99
52) Toluene	8.77	92	1251661	159.280	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	771097	145.700	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	802778	147.074	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	497621	153.497	ug/l	99
56) Ethyl methacrylate	9.16	69	720593	151.014	ug/l	100
57) 1,3-Dichloropropane	9.35	76	789709	145.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2003877	793.577	ug/l	99
59) 2-Hexanone	9.48	43	1851611	557.501	ug/l	99
60) Dibromochloromethane	9.57	129	577276	150.694	ug/l	99
61) 1,2-Dibromoethane	9.65	107	535164	155.153	ug/l	99
64) Tetrachloroethene	9.32	164	469708	144.801	ug/l	92
65) Chlorobenzene	10.12	112	1355460	157.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	503436	147.987	ug/l	99
67) Ethyl Benzene	10.24	91	2357534	159.299	ug/l	99
68) m/p-Xylenes	10.34	106	1848071	327.650	ug/l	98
69) o-Xylene	10.68	106	891928	167.141	ug/l	96
70) Stvrene	10.70	104	1501871	164.119	ug/l	99
71) Bromoform	10.84	173	414178	146.468	ug/l #	100
73) Isopropylbenzene	11.00	105	2329151	165.995	ug/l	98
74) N-amyl acetate	10.88	43	720442	120.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	675519	147.196	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	579340m	133.860	ug/l	
77) Bromobenzene	11.24	156	580974	151.826	ug/l	96
78) n-propylbenzene	11.34	91	2548567	156.326	ug/l	98
79) 2-Chlorotoluene	11.41	91	1448140	147.492	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1917969	160.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	249758	147.727	ug/l	97
82) 4-Chlorotoluene	11.49	91	1754320	150.358	ug/l	99
83) tert-Butylbenzene	11.76	119	1899686	163.599	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1892335	158.054	ug/l	99
85) sec-Butylbenzene	11.93	105	2241945	163.019	ug/l	99
86) p-Isopropyltoluene	12.05	119	2071276	164.584	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1021368	148.772	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1049008	150.504	ug/l	98
89) n-Butylbenzene	12.37	91	1858626	159.839	ug/l	99
90) Hexachloroethane	12.58	117	344725	141.090	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1002624	155.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	160703	147.346	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	760882	168.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	324181	169.083	ug/l	98
95) Naphthalene	13.82	128	2418092	176.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	745881	172.793	ug/l	99

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

