

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014881.D
 Acq On : 10 Feb 2020 11:46
 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
 2/11/2020 10:36:20 AM

Quant Time: Feb 10 12:09:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	742770	132.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.98%	
35) Dibromofluoromethane	5.49	113	612322	128.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	256.80%	
50) Toluene-d8	8.71	98	2359075	146.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.52%	
62) 4-Bromofluorobenzene	11.14	95	897875	164.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	664416	166.468	ug/l	99
3) Chloromethane	1.32	50	743576	161.433	ug/l	99
4) Vinyl Chloride	1.41	62	782150	157.007	ug/l	99
5) Bromomethane	1.63	94	560446	176.031	ug/l	97
6) Chloroethane	1.70	64	472016	144.938	ug/l	100
7) Trichlorofluoromethane	1.92	101	1074153	153.172	ug/l	100
8) Diethyl Ether	2.18	74	437482	149.260	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	596647	144.041	ug/l	100
10) Methyl Iodide	2.50	142	724645	217.575	ug/l	99
11) Tert butyl alcohol	3.05	59	695065	815.459	ug/l	99
12) 1,1-Dichloroethene	2.36	96	617380	156.013	ug/l	99
13) Acrolein	2.28	56	508134	773.131	ug/l	99
14) Allyl chloride	2.72	41	1072999	151.712	ug/l	99
15) Acrylonitrile	3.14	53	1722760	791.703	ug/l	99
16) Acetone	2.44	43	1894538	616.370	ug/l	99
17) Carbon Disulfide	2.56	76	1756740	160.337	ug/l	99
18) Methyl Acetate	2.76	43	782784	161.190	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	2024532	158.044	ug/l	98
20) Methylene Chloride	2.85	84	672097	137.912	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	669707	151.894	ug/l	98
22) Diisopropyl ether	3.84	45	2087609	155.661	ug/l	94
23) Vinyl Acetate	3.81	43	8546798	769.815	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1158942	152.127	ug/l	99
25) 2-Butanone	4.66	43	2565891	771.046	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1006540	153.340	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	755333	154.453	ug/l	99
28) Bromochloromethane	5.01	49	450556	176.336	ug/l	100
29) Tetrahydrofuran	5.11	42	1510068	811.288	ug/l	100
30) Chloroform	5.20	83	1160938	153.263	ug/l	99
31) Cyclohexane	5.57	56	1053346	157.859	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1027272	156.986	ug/l	99
36) 1,1-Dichloropropene	5.79	75	912547	156.950	ug/l	100
37) Ethyl Acetate	4.82	43	950061	156.435	ug/l	100
38) Carbon Tetrachloride	5.78	117	902001	160.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1122484	153.023	ug/l	100
40) Benzene	6.14	78	2657462	151.122	ug/l	97
41) Methacrylonitrile	5.03	41	535899	167.230	ug/l	99
42) 1,2-Dichloroethane	6.19	62	940617	146.599	ug/l	99
43) Isopropyl Acetate	6.43	43	1625399	164.371	ug/l	99
44) Trichloroethene	7.21	130	776148	152.196	ug/l	100
45) 1,2-Dichloropropane	7.51	63	682548	152.633	ug/l	99
46) Dibromomethane	7.65	93	462801	150.860	ug/l	99
47) Bromodichloromethane	7.89	83	953244	159.384	ug/l	97
48) Methyl methacrylate	7.76	41	821358	171.403	ug/l	99
49) 1,4-Dioxane	7.73	88	290780	3131.468	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	4877359	814.929	ug/l	98
52) Toluene	8.78	92	1712698	154.482	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1109650	173.773	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1181290	164.685	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	693368	154.257	ug/l	99
56) Ethyl methacrylate	9.17	69	1151774	178.244	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1165892	153.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2757004	787.966	ug/l	99
59) 2-Hexanone	9.49	43	3895156	833.978	ug/l	98
60) Dibromochloromethane	9.58	129	802908	172.184	ug/l	98
61) 1,2-Dibromoethane	9.67	107	747853	153.762	ug/l	100
64) Tetrachloroethene	9.33	164	896399	156.332	ug/l	98
65) Chlorobenzene	10.14	112	1908146	150.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	726590	161.387	ug/l	99
67) Ethyl Benzene	10.25	91	3362774	158.536	ug/l	100
68) m/p-Xylenes	10.36	106	2607805	320.072	ug/l	96
69) o-Xylene	10.70	106	1272672	163.010	ug/l	99
70) Styrene	10.71	104	2226404	171.918	ug/l	100
71) Bromoform	10.85	173	658232	182.535	ug/l	99
73) Isopropylbenzene	11.01	105	3293485	151.057	ug/l	99
74) N-amyl acetate	10.89	43	1534006	178.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1081201	150.601	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1018555m	134.863	ug/l	
77) Bromobenzene	11.25	156	911111	148.803	ug/l	99
78) n-propylbenzene	11.35	91	3839589	152.848	ug/l	99
79) 2-Chlorotoluene	11.42	91	2233884	150.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2875142	160.778	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	411322	194.894	ug/l	97
82) 4-Chlorotoluene	11.51	91	2700980	154.419	ug/l	100
83) tert-Butylbenzene	11.77	119	2712858	158.294	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2869063	158.319	ug/l	99
85) sec-Butylbenzene	11.94	105	3305165	155.604	ug/l	100
86) p-Isopropyltoluene	12.06	119	3148689	159.088	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1669378	152.609	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1671552	152.382	ug/l	99
89) n-Butylbenzene	12.39	91	2873943	164.029	ug/l	98
90) Hexachloroethane	12.59	117	577542	171.223	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1640213	153.410	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	248783	146.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1256405	161.857	ug/l	98
94) Hexachlorobutadiene	13.78	225	591530	154.758	ug/l	99
95) Naphthalene	13.83	128	3466087	172.578	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1201100	159.637	ug/l	99

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

