

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014685.D
 Acq On : 22 Jan 2020 12:13
 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
 1/24/2020 1:39:16 PM

Quant Time: Jan 22 12:35:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:11:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	420869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	762628	156.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.04%	
35) Dibromofluoromethane	5.49	113	630543	154.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.94%	
50) Toluene-d8	8.71	98	2444164	156.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.16%	
62) 4-Bromofluorobenzene	11.14	95	926519	168.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	857962	175.228	ug/l	99
3) Chloromethane	1.32	50	883487	156.249	ug/l	100
4) Vinyl Chloride	1.40	62	983150	161.795	ug/l	100
5) Bromomethane	1.63	94	681329	166.532	ug/l	99
6) Chloroethane	1.70	64	518886	132.049	ug/l	99
7) Trichlorofluoromethane	1.92	101	1055360	146.688	ug/l	99
8) Diethyl Ether	2.18	74	463132	147.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	630219	149.721	ug/l	99
10) Methyl Iodide	2.50	142	870996	159.808	ug/l	100
11) Tert butyl alcohol	3.05	59	812210	732.689	ug/l	99
12) 1,1-Dichloroethene	2.36	96	635555	152.295	ug/l	99
13) Acrolein	2.28	56	666539	770.261	ug/l	99
14) Allyl chloride	2.72	41	1178081	158.060	ug/l	99
15) Acrylonitrile	3.14	53	1961476	772.054	ug/l	100
16) Acetone	2.44	43	2056329	692.734	ug/l	99
17) Carbon Disulfide	2.56	76	1800305	159.018	ug/l	99
18) Methyl Acetate	2.76	43	1205047	158.148	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	2102914	154.166	ug/l	100
20) Methylene Chloride	2.84	84	704842	139.813	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	682448	147.779	ug/l	98
22) Diisopropyl ether	3.84	45	2286242	153.381	ug/l	98
23) Vinyl Acetate	3.81	43	8667821	762.021	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1234064	152.261	ug/l	99
25) 2-Butanone	4.66	43	2955172	768.958	ug/l	98
26) 2,2-Dichloropropane	4.58	77	998566	154.267	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	774136	150.181	ug/l	99
28) Bromochloromethane	5.01	49	499606	138.070	ug/l	100
29) Tetrahydrofuran	5.11	42	1775549	780.399	ug/l	100
30) Chloroform	5.20	83	1180314	145.987	ug/l	99
31) Cyclohexane	5.57	56	1185961	156.537	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1036347	152.795	ug/l	98
36) 1,1-Dichloropropene	5.79	75	938102	156.203	ug/l	99
37) Ethyl Acetate	4.82	43	1075443	156.378	ug/l	100
38) Carbon Tetrachloride	5.78	117	901344	157.345	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1202939	160.675	ug/l	96
40) Benzene	6.14	78	2793611	149.421	ug/l	99
41) Methacrylonitrile	5.03	41	590194	140.741	ug/l	98
42) 1,2-Dichloroethane	6.18	62	960558	148.652	ug/l	100
43) Isopropyl Acetate	6.43	43	1768986	157.227	ug/l	100
44) Trichloroethene	7.21	130	770584	145.237	ug/l	96
45) 1,2-Dichloropropane	7.51	63	734962	153.238	ug/l	100
46) Dibromomethane	7.65	93	471947	151.667	ug/l	99
47) Bromodichloromethane	7.89	83	965257	159.540	ug/l	98
48) Methyl methacrylate	7.76	41	889015	167.191	ug/l	98
49) 1,4-Dioxane	7.73	88	328380	2832.083	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	5597342	788.667	ug/l	99
52) Toluene	8.78	92	1764577	154.387	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1124799	175.728	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	1218594	172.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	724172	154.829	ug/l	99
56) Ethyl methacrylate	9.17	69	1236063	180.509	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1218973	151.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1989746	862.402	ug/l	99
59) 2-Hexanone	9.49	43	4445780	811.266	ug/l	98
60) Dibromochloromethane	9.58	129	793812	164.300	ug/l	100
61) 1,2-Dibromoethane	9.67	107	759076	153.224	ug/l	99
64) Tetrachloroethene	9.33	164	880110	145.707	ug/l	97
65) Chlorobenzene	10.14	112	1938485	149.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	727999	152.410	ug/l	99
67) Ethyl Benzene	10.25	91	3405684	154.279	ug/l	99
68) m/p-Xylenes	10.35	106	2664203	320.712	ug/l	97
69) o-Xylene	10.70	106	1279451	159.364	ug/l	99
70) Styrene	10.71	104	2263595	170.056	ug/l	100
71) Bromoform	10.85	173	656293	177.597	ug/l #	99
73) Isopropylbenzene	11.01	105	3373252	148.564	ug/l	100
74) N-amyl acetate	10.89	43	1662455	171.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1153752	141.139	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1086818m	143.910	ug/l	
77) Bromobenzene	11.25	156	904256	148.179	ug/l	98
78) n-propylbenzene	11.35	91	3912639	152.471	ug/l	99
79) 2-Chlorotoluene	11.42	91	2288547	146.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	2919469	156.245	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	443836	173.711	ug/l	95
82) 4-Chlorotoluene	11.51	91	2733182	155.067	ug/l	100
83) tert-Butylbenzene	11.77	119	2742043	156.154	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2928839	156.277	ug/l	100
85) sec-Butylbenzene	11.94	105	3380625	157.362	ug/l	99
86) p-Isopropyltoluene	12.06	119	3159058	159.490	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1624698	148.136	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1609883	146.224	ug/l	99
89) n-Butylbenzene	12.39	91	2913108	171.003	ug/l	100
90) Hexachloroethane	12.59	117	591309	160.987	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1617823	148.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	261041	150.131	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1159814	168.979	ug/l	98
94) Hexachlorobutadiene	13.77	225	543046	150.657	ug/l	95
95) Naphthalene	13.83	128	3417526	174.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1139803	163.199	ug/l	98

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

