

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015326.D
 Acq On : 18 Mar 2020 14:32
 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
 3/19/2020 12:00:59 PM

Quant Time: Mar 18 14:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1059443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1022011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	518274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	1046725	156.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.74%	
35) Dibromofluoromethane	5.49	113	942803	140.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.64%	
50) Toluene-d8	8.71	98	3771346	148.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.24%	
62) 4-Bromofluorobenzene	11.14	95	1480747	160.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	852476	168.460	ug/l	99
3) Chloromethane	1.31	50	1036575	150.514	ug/l	97
4) Vinyl Chloride	1.40	62	1046771	149.431	ug/l	100
5) Bromomethane	1.63	94	279783	70.982	ug/l	99
6) Chloroethane	1.70	64	550026	130.981	ug/l	98
7) Trichlorofluoromethane	1.91	101	1326804	157.233	ug/l	98
8) Diethyl Ether	2.18	74	561749	149.480	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	955864	178.600	ug/l	94
10) Methyl Iodide	2.50	142	1220200	205.280	ug/l	95
11) Tert butyl alcohol	3.06	59	1069685	898.805	ug/l	99
12) 1,1-Dichloroethene	2.36	96	1035273	186.753	ug/l	95
13) Acrolein	2.28	56	974583	880.542	ug/l	99
14) Allyl chloride	2.72	41	1580689	165.425	ug/l	96
15) Acrylonitrile	3.14	53	2643076	890.421	ug/l	99
16) Acetone	2.44	43	1925609	724.175	ug/l	100
17) Carbon Disulfide	2.56	76	2905366	188.058	ug/l	100
18) Methyl Acetate	2.76	43	1077348	161.512	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	3092061	176.482	ug/l	99
20) Methylene Chloride	2.84	84	1135980	173.156	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	1122695	183.831	ug/l	98
22) Diisopropyl ether	3.84	45	3189964	166.005	ug/l	100
23) Vinyl Acetate	3.81	43	13069389	831.847	ug/l	98
24) 1,1-Dichloroethane	3.69	63	1821394	169.021	ug/l	99
25) 2-Butanone	4.66	43	3408628	858.161	ug/l	100
26) 2,2-Dichloropropane	4.57	77	1458466	171.881	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	1284066	189.533	ug/l	99
28) Bromochloromethane	5.01	49	799248	165.932	ug/l	96
29) Tetrahydrofuran	5.11	42	2241565	866.880	ug/l	99
30) Chloroform	5.20	83	1853518	175.480	ug/l	96
31) Cyclohexane	5.57	56	1571812	163.165	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1534706	174.332	ug/l	100
36) 1,1-Dichloropropene	5.79	75	1398513	142.161	ug/l	100
37) Ethyl Acetate	4.82	43	1354684	150.936	ug/l	99
38) Carbon Tetrachloride	5.78	117	1360616	146.107	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1795207	155.391	ug/l	98
40) Benzene	6.14	78	4320315	147.358	ug/l	99
41) Methacrylonitrile	5.03	41	753505	140.386	ug/l	97
42) 1,2-Dichloroethane	6.19	62	1307764	132.854	ug/l	100
43) Isopropyl Acetate	6.43	43	2156647	137.692	ug/l	99
44) Trichloroethene	7.21	130	1220634	150.788	ug/l	92
45) 1,2-Dichloropropane	7.51	63	1072771	142.799	ug/l	99
46) Dibromomethane	7.65	93	735338	148.991	ug/l	97
47) Bromodichloromethane	7.89	83	1449625	149.241	ug/l	98
48) Methyl methacrylate	7.76	41	1089216	136.523	ug/l	99
49) 1,4-Dioxane	7.73	88	551705	3090.650	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	6616184	711.329	ug/l	100
52) Toluene	8.78	92	2749492	153.361	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1665529	162.094	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	1800436	153.948	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	1105912	149.507	ug/l	98
56) Ethyl methacrylate	9.17	69	1723710	165.308	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1815424	146.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	6265708	1105.638	ug/l	99
59) 2-Hexanone	9.49	43	5122460	744.349	ug/l	100
60) Dibromochloromethane	9.58	129	1228812	159.199	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1213866	155.480	ug/l	99
64) Tetrachloroethene	9.33	164	976150	117.914	ug/l	97
65) Chlorobenzene	10.14	112	3102103	149.650	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	1111035	143.475	ug/l	98
67) Ethyl Benzene	10.25	91	5188055	147.653	ug/l	100
68) m/p-Xylenes	10.36	106	4142521	309.153	ug/l	97
69) o-Xylene	10.70	106	1962349	152.915	ug/l	99
70) Styrene	10.71	104	3446481	156.657	ug/l	99
71) Bromoform	10.85	173	830026	140.652	ug/l	97
73) Isopropylbenzene	11.01	105	5230475	154.608	ug/l	100
74) N-amyl acetate	10.89	43	2175821	157.598	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	1684300	150.033	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1561982m	153.423	ug/l	
77) Bromobenzene	11.25	156	1277968	137.774	ug/l	99
78) n-propylbenzene	11.35	91	5885391	153.418	ug/l	98
79) 2-Chlorotoluene	11.42	91	3537015	153.895	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	4455931	159.142	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	634587	171.010	ug/l	97
82) 4-Chlorotoluene	11.51	91	4232577	156.032	ug/l	99
83) tert-Butylbenzene	11.76	119	4366514	160.906	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	4609176	162.470	ug/l	100
85) sec-Butylbenzene	11.94	105	5390473	163.178	ug/l	99
86) p-Isopropyltoluene	12.06	119	4793682	158.444	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	2453585	148.948	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	2493363	146.988	ug/l	99
89) n-Butylbenzene	12.39	91	4479421	165.943	ug/l	99
90) Hexachloroethane	12.59	117	909392	158.988	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	2328373	141.389	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	359181	161.624	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1473342	133.186	ug/l	99
94) Hexachlorobutadiene	13.78	225	567961	103.188	ug/l	98
95) Naphthalene	13.83	128	5217769	166.072	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1460592	132.589	ug/l	100

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

