

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015325.D
 Acq On : 18 Mar 2020 14:09
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:00:56 PM

Quant Time: Mar 18 14:43:45 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	576268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1016588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1026404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	675835	97.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.48%	
35) Dibromofluoromethane	5.49	113	667176	103.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.98%	
50) Toluene-d8	8.71	98	2484201	101.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.36%	
62) 4-Bromofluorobenzene	11.14	95	978912	110.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	587908	112.465	ug/l	99
3) Chloromethane	1.31	50	663732	93.296	ug/l	98
4) Vinyl Chloride	1.40	62	686939	94.930	ug/l	100
5) Bromomethane	1.63	94	193045	47.411	ug/l	96
6) Chloroethane	1.71	64	427210	98.483	ug/l	100
7) Trichlorofluoromethane	1.92	101	891561	102.278	ug/l	99
8) Diethyl Ether	2.18	74	372022	95.831	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	662604	119.849	ug/l	94
10) Methyl Iodide	2.50	142	864887	140.854	ug/l	96
11) Tert butyl alcohol	3.04	59	703368	572.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	701040	122.419	ug/l	96
13) Acrolein	2.28	56	670583	586.513	ug/l	99
14) Allyl chloride	2.72	41	1088507	110.276	ug/l	96
15) Acrylonitrile	3.13	53	1817643	592.772	ug/l	100
16) Acetone	2.44	43	1350999	491.840	ug/l	98
17) Carbon Disulfide	2.56	76	1973736	123.672	ug/l	100
18) Methyl Acetate	2.76	43	733194	106.405	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2091677	115.569	ug/l	99
20) Methylene Chloride	2.84	84	783236	115.572	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	772486	122.445	ug/l	97
22) Diisopropyl ether	3.84	45	2170180	109.326	ug/l	98
23) Vinyl Acetate	3.80	43	8963152	552.259	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1241778	111.551	ug/l	99
25) 2-Butanone	4.66	43	2294585	559.225	ug/l	100
26) 2,2-Dichloropropane	4.57	77	992238	113.199	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	865926	123.729	ug/l	99
28) Bromochloromethane	5.00	49	536865	107.897	ug/l	98
29) Tetrahydrofuran	5.11	42	1508623	564.784	ug/l	99
30) Chloroform	5.20	83	1243290	113.945	ug/l	97
31) Cyclohexane	5.58	56	1068675	107.391	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1068586	117.504	ug/l	99
36) 1,1-Dichloropropene	5.79	75	943819	99.985	ug/l	99
37) Ethyl Acetate	4.82	43	908488	105.489	ug/l	100
38) Carbon Tetrachloride	5.78	117	920355	102.996	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1184152	106.820	ug/l	99
40) Benzene	6.14	78	2816550	100.117	ug/l	99
41) Methacrylonitrile	5.03	41	505894	98.227	ug/l	95
42) 1,2-Dichloroethane	6.18	62	849666	89.955	ug/l	100
43) Isopropyl Acetate	6.43	43	1392780	92.671	ug/l	100
44) Trichloroethene	7.20	130	750047	96.561	ug/l	99
45) 1,2-Dichloropropane	7.51	63	723666	100.390	ug/l	100
46) Dibromomethane	7.65	93	485884	102.598	ug/l	99
47) Bromodichloromethane	7.89	83	969710	104.041	ug/l	99
48) Methyl methacrylate	7.76	41	726513	94.900	ug/l	100
49) 1,4-Dioxane	7.73	88	366641	2140.506	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	4307725	482.663	ug/l	99
52) Toluene	8.78	92	1821881	105.905	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1096794	111.243	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	1171842	104.423	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	763263	107.535	ug/l	97
56) Ethyl methacrylate	9.17	69	1166631	116.599	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1254624	105.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2803613	515.577	ug/l	99
59) 2-Hexanone	9.49	43	3437457	520.557	ug/l	100
60) Dibromochloromethane	9.57	129	825848	111.503	ug/l	100
61) 1,2-Dibromoethane	9.67	107	818027	109.195	ug/l	100
64) Tetrachloroethene	9.33	164	700018	84.197	ug/l	98
65) Chlorobenzene	10.14	112	2092046	100.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	750540	96.507	ug/l	99
67) Ethyl Benzene	10.25	91	3637953	103.093	ug/l	100
68) m/p-Xylenes	10.35	106	2804442	208.397	ug/l	99
69) o-Xylene	10.70	106	1373395	106.563	ug/l	100
70) Styrene	10.71	104	2403909	108.800	ug/l	100
71) Bromoform	10.85	173	548501	92.548	ug/l #	97
73) Isopropylbenzene	11.01	105	3570971	114.035	ug/l	99
74) N-amyl acetate	10.89	43	1383106	108.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1109445	106.766	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	897220m	95.208	ug/l	
77) Bromobenzene	11.25	156	831047	96.791	ug/l	97
78) n-propylbenzene	11.35	91	3986270	112.261	ug/l	100
79) 2-Chlorotoluene	11.42	91	2313908	108.767	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2878642	111.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	401857	116.994	ug/l	98
82) 4-Chlorotoluene	11.51	91	2735557	108.947	ug/l	99
83) tert-Butylbenzene	11.76	119	2850402	113.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3011001	114.663	ug/l	100
85) sec-Butylbenzene	11.94	105	3438578	112.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	3136067	111.984	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1511782	99.148	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1595601	101.620	ug/l	99
89) n-Butylbenzene	12.39	91	2986164	119.512	ug/l	99
90) Hexachloroethane	12.59	117	595507	112.477	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	1568437	102.894	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	222859	108.339	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	985948	96.287	ug/l	97
94) Hexachlorobutadiene	13.78	225	381703	74.920	ug/l	99
95) Naphthalene	13.83	128	3596895	123.680	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	998537	97.927	ug/l	98

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

