

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015370.D
 Acq On : 26 Mar 2020 21:24
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:16:38 PM

Quant Time: Mar 27 09:19:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1091668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1707516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1577389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	901805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	2182185	153.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.78%	
35) Dibromofluoromethane	5.47	113	1615225	144.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.96%	
50) Toluene-d8	8.70	98	5846955	144.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.62%	
62) 4-Bromofluorobenzene	11.12	95	2465837	157.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1534645	134.363	ug/l	99
3) Chloromethane	1.31	50	1823801	137.149	ug/l	99
4) Vinyl Chloride	1.39	62	1704471	131.901	ug/l	99
5) Bromomethane	1.62	94	682089	136.621	ug/l	100
6) Chloroethane	1.69	64	963002	119.201	ug/l	98
7) Trichlorofluoromethane	1.91	101	2262201	131.956	ug/l	98
8) Diethyl Ether	2.17	74	881654	119.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1478077	114.866	ug/l	99
10) Methyl Iodide	2.49	142	2055479	142.775	ug/l	98
11) Tert butyl alcohol	3.04	59	2422501	828.069	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1510808	111.897	ug/l	99
13) Acrolein	2.28	56	1531972	594.332	ug/l	99
14) Allyl chloride	2.70	41	3386745	156.644	ug/l	98
15) Acrylonitrile	3.12	53	4823132	677.461	ug/l	100
16) Acetone	2.42	43	4414530	727.317	ug/l	99
17) Carbon Disulfide	2.55	76	4560394	124.915	ug/l	99
18) Methyl Acetate	2.75	43	2317838	151.698	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5545046	135.274	ug/l	99
20) Methylene Chloride	2.83	84	1695687	106.027	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1629842	110.917	ug/l	96
22) Diisopropyl ether	3.83	45	5983613	140.577	ug/l #	87
23) Vinyl Acetate	3.79	43	24597113	705.009	ug/l #	94
24) 1,1-Dichloroethane	3.67	63	3179280	125.811	ug/l	100
25) 2-Butanone	4.64	43	7251573	782.986	ug/l	99
26) 2,2-Dichloropropane	4.55	77	2631800	133.671	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1880611	115.832	ug/l	98
28) Bromochloromethane	4.98	49	1549285	144.767	ug/l	99
29) Tetrahydrofuran	5.09	42	4728870	787.210	ug/l	100
30) Chloroform	5.18	83	3080688	120.959	ug/l	95
31) Cyclohexane	5.55	56	2964822	151.091	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	2860860	137.282	ug/l	99
36) 1,1-Dichloropropene	5.77	75	2381533	150.085	ug/l	99
37) Ethyl Acetate	4.80	43	2908018	182.823	ug/l	100
38) Carbon Tetrachloride	5.76	117	2579685	169.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2872031	155.853	ug/l	98
40) Benzene	6.12	78	6768203	139.105	ug/l	98
41) Methacrylonitrile	5.01	41	1662188	192.657	ug/l	99
42) 1,2-Dichloroethane	6.17	62	2683971	171.667	ug/l	100
43) Isopropyl Acetate	6.42	43	5044473	204.719	ug/l	99
44) Trichloroethene	7.19	130	1907741	143.101	ug/l	95
45) 1,2-Dichloropropane	7.50	63	1841125	156.688	ug/l	100
46) Dibromomethane	7.64	93	1211914	147.481	ug/l	100
47) Bromodichloromethane	7.88	83	2584806	164.669	ug/l	94
48) Methyl methacrylate	7.75	41	2522804	213.157	ug/l	99
49) 1,4-Dioxane	7.72	88	943111	3131.403	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	13235611	888.006	ug/l	96
52) Toluene	8.77	92	4203708	140.964	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	3011797	176.636	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	3118776	164.687	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	1717136	134.526	ug/l	95
56) Ethyl methacrylate	9.17	69	3087540	177.909	ug/l	99
57) 1,3-Dichloropropane	9.35	76	3003094	141.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	7123648	734.528	ug/l	99
59) 2-Hexanone	9.48	43	10442545	938.680	ug/l	96
60) Dibromochloromethane	9.57	129	2104545	164.090	ug/l	98
61) 1,2-Dibromoethane	9.66	107	1842980	141.097	ug/l	97
64) Tetrachloroethene	9.32	164	1702116	149.988	ug/l	94
65) Chlorobenzene	10.12	112	4544500	138.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	1852001	152.308	ug/l	99
67) Ethyl Benzene	10.24	91	7982480	142.857	ug/l	95
68) m/p-Xylenes	10.34	106	6062487	286.476	ug/l	92
69) o-Xylene	10.68	106	3048203	148.177	ug/l	97
70) Styrene	10.70	104	5273024	153.393	ug/l	99
71) Bromoform	10.84	173	1782100	211.966	ug/l #	100
73) Isopropylbenzene	11.01	105	7816103	118.920	ug/l	97
74) N-amyl acetate	10.89	43	4567253	183.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	2776622	132.093	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	2477201m	130.516	ug/l	
77) Bromobenzene	11.24	156	2159778	137.045	ug/l	99
78) n-propylbenzene	11.35	91	9076475	122.938	ug/l	97
79) 2-Chlorotoluene	11.41	91	5654937	125.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6797456	128.019	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	1095866	154.254	ug/l	99
82) 4-Chlorotoluene	11.49	91	6522616	127.815	ug/l	99
83) tert-Butylbenzene	11.76	119	6832826	131.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	6980412	127.191	ug/l	98
85) sec-Butylbenzene	11.93	105	7854391	127.202	ug/l	98
86) p-Isopropyltoluene	12.05	119	7296840	131.586	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	3967162	134.299	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	4041397	130.539	ug/l	100
89) n-Butylbenzene	12.37	91	6754530	129.478	ug/l	97
90) Hexachloroethane	12.58	117	1534036	140.854	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	3913272	132.193	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	757398	160.648	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3107411	167.936	ug/l	98
94) Hexachlorobutadiene	13.77	225	1541798	198.359	ug/l	98
95) Naphthalene	13.82	128	8864795	147.412	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	2972730	163.547	ug/l	98

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

