

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017486.D
 Acq On : 23 Jul 2020 12:00
 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
 7/24/2020 1:00:56 PM

Quant Time: Jul 23 12:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	605597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	970130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	832200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	445295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1173368	151.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.18%	
35) Dibromofluoromethane	5.47	113	910565	138.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.70%	
50) Toluene-d8	8.70	98	3422588	144.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.82%	
62) 4-Bromofluorobenzene	11.12	95	1337633	144.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	828870	161.289	ug/l	99
3) Chloromethane	1.31	50	1133726	187.406	ug/l	97
4) Vinyl Chloride	1.39	62	1097015	185.308	ug/l	100
5) Bromomethane	1.62	94	589417	154.412	ug/l	98
6) Chloroethane	1.69	64	619251	166.521	ug/l	100
7) Trichlorofluoromethane	1.90	101	1626027	165.525	ug/l	99
8) Diethyl Ether	2.17	74	563587	159.198	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	873387	155.373	ug/l	97
10) Methyl Iodide	2.49	142	1259411	181.115	ug/l	99
11) Tert butyl alcohol	3.04	59	1170353	854.256	ug/l	100
12) 1,1-Dichloroethene	2.35	96	872603	155.007	ug/l	97
13) Acrolein	2.28	56	936177	1146.371	ug/l	100
14) Allyl chloride	2.70	41	1644468	166.161	ug/l	99
15) Acrylonitrile	3.12	53	2479743	772.227	ug/l	99
16) Acetone	2.43	43	2376356	833.298	ug/l	99
17) Carbon Disulfide	2.54	76	2588799	157.508	ug/l	98
18) Methyl Acetate	2.75	43	1149435	163.368	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	3011239	157.046	ug/l	99
20) Methylene Chloride	2.83	84	962937	142.589	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	874554	137.561	ug/l	96
22) Diisopropyl ether	3.83	45	3006747	163.193	ug/l #	85
23) Vinyl Acetate	3.79	43	13786553	845.458	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1714533	158.850	ug/l	99
25) 2-Butanone	4.64	43	3497101	792.676	ug/l	95
26) 2,2-Dichloropropane	4.55	77	1443723	144.582	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	996596	144.047	ug/l	99
28) Bromochloromethane	4.98	49	799720	160.580	ug/l	98
29) Tetrahydrofuran	5.10	42	2234789	785.416	ug/l	98
30) Chloroform	5.18	83	1750943	151.809	ug/l	100
31) Cyclohexane	5.55	56	1376090	156.887	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	1560409	146.289	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1258171	141.496	ug/l	100
37) Ethyl Acetate	4.80	43	1364105	143.666	ug/l	99
38) Carbon Tetrachloride	5.75	117	1516754	145.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1616331	167.121	ug/l	96
40) Benzene	6.11	78	3558996	138.777	ug/l	97
41) Methacrylonitrile	5.01	41	838314	165.282	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1444839	143.346	ug/l	99
43) Isopropyl Acetate	6.42	43	2329747	151.608	ug/l	100
44) Trichloroethene	7.19	130	1155687	148.960	ug/l	95
45) 1,2-Dichloropropane	7.49	63	1060453	161.564	ug/l	98
46) Dibromomethane	7.64	93	744775	157.599	ug/l	96
47) Bromodichloromethane	7.88	83	1560644	158.013	ug/l	97
48) Methyl methacrylate	7.75	41	1324380	184.604	ug/l	98
49) 1,4-Dioxane	7.72	88	504397	3489.685	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	7088677	771.739	ug/l	99
52) Toluene	8.77	92	2305266	141.064	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1681422	155.574	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1802260	158.654	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	980457	142.309	ug/l	98
56) Ethyl methacrylate	9.16	69	1576945	159.255	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1739603	151.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4326457	861.921	ug/l	100
59) 2-Hexanone	9.48	43	5284204	758.573	ug/l	99
60) Dibromochloromethane	9.57	129	1292301	152.687	ug/l	99
61) 1,2-Dibromoethane	9.66	107	1096754	146.016	ug/l	100
64) Tetrachloroethene	9.32	164	1106702	153.745	ug/l	98
65) Chlorobenzene	10.12	112	2663161	156.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	1070273	157.731	ug/l	99
67) Ethyl Benzene	10.24	91	4647255	164.420	ug/l	99
68) m/p-Xylenes	10.35	106	3582037	331.744	ug/l	98
69) o-Xylene	10.68	106	1669728	161.853	ug/l	99
70) Styrene	10.70	104	2881341	162.395	ug/l	98
71) Bromoform	10.84	173	956426	165.718	ug/l	98
73) Isopropylbenzene	11.00	105	4651002	165.655	ug/l	100
74) N-amyl acetate	10.88	43	2090138	180.411	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1397987	163.234	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1295231m	155.070	ug/l	
77) Bromobenzene	11.24	156	1235324	154.374	ug/l	98
78) n-propylbenzene	11.35	91	5293805	168.333	ug/l	99
79) 2-Chlorotoluene	11.41	91	3116404	160.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4054911	169.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	542114	163.934	ug/l	98
82) 4-Chlorotoluene	11.49	91	3794432	164.468	ug/l	100
83) tert-Butylbenzene	11.76	119	3980264	172.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	4051188	167.884	ug/l	99
85) sec-Butylbenzene	11.93	105	4557845	169.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	4341840	169.798	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	2224935	155.711	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	2200746	152.273	ug/l	99
89) n-Butylbenzene	12.37	91	3826594	174.375	ug/l	99
90) Hexachloroethane	12.58	117	829005	169.913	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2107597	156.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	428694	186.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1608076	170.776	ug/l	98
94) Hexachlorobutadiene	13.77	225	685063	174.703	ug/l	98
95) Naphthalene	13.82	128	4947029	177.552	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	1555730	170.038	ug/l	97

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

