

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017485.D
 Acq On : 23 Jul 2020 11:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:55 PM

Quant Time: Jul 23 12:05:17 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	5.63	168	596210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	820268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	446559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	769524	100.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.96%	
35) Dibromofluoromethane	5.46	113	629369	99.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.10%	
50) Toluene-d8	8.70	98	2326858	102.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.10%	
62) 4-Bromofluorobenzene	11.12	95	979459	109.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	550285	108.765	ug/l	98
3) Chloromethane	1.31	50	734874	123.388	ug/l	98
4) Vinyl Chloride	1.39	62	716155	122.878	ug/l	100
5) Bromomethane	1.62	94	385012	102.451	ug/l	99
6) Chloroethane	1.70	64	414957	113.342	ug/l	98
7) Trichlorofluoromethane	1.91	101	1099419	113.680	ug/l	100
8) Diethyl Ether	2.17	74	385665	110.655	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	580569	104.908	ug/l	98
10) Methyl Iodide	2.49	142	820421	119.842	ug/l	99
11) Tert butyl alcohol	3.03	59	817430	606.047	ug/l	100
12) 1,1-Dichloroethene	2.35	96	590635	106.571	ug/l	99
13) Acrolein	2.28	56	634756	789.512	ug/l	100
14) Allyl chloride	2.70	41	1044258	107.176	ug/l	98
15) Acrylonitrile	3.12	53	1641195	519.138	ug/l	100
16) Acetone	2.42	43	1604403	571.461	ug/l	100
17) Carbon Disulfide	2.54	76	1669501	103.176	ug/l	98
18) Methyl Acetate	2.75	43	742396	107.177	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2071598	109.742	ug/l	100
20) Methylene Chloride	2.83	84	594757	89.457	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	597899	95.526	ug/l	97
22) Diisopropyl ether	3.83	45	1917814	105.729	ug/l #	85
23) Vinyl Acetate	3.79	43	9113551	567.686	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1163459	109.491	ug/l	100
25) 2-Butanone	4.64	43	2420959	557.390	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1006144	102.347	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	694020	101.892	ug/l	100
28) Bromochloromethane	4.98	49	501509	102.286	ug/l	100
29) Tetrahydrofuran	5.09	42	1557375	555.957	ug/l	98
30) Chloroform	5.18	83	1128458	99.379	ug/l	98
31) Cyclohexane	5.55	56	993257	115.024	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	1115054	106.183	ug/l	99
36) 1,1-Dichloropropene	5.77	75	833953	97.147	ug/l	100
37) Ethyl Acetate	4.80	43	1030933	112.466	ug/l	99
38) Carbon Tetrachloride	5.76	117	995145	98.670	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1071992	114.809	ug/l	96
40) Benzene	6.11	78	2298770	92.847	ug/l	99
41) Methacrylonitrile	5.01	41	528845	108.001	ug/l	99
42) 1,2-Dichloroethane	6.17	62	984175	101.140	ug/l	99
43) Isopropyl Acetate	6.42	43	1570031	105.829	ug/l	100
44) Trichloroethene	7.19	130	709671	94.748	ug/l	94
45) 1,2-Dichloropropane	7.49	63	707165	111.598	ug/l	98
46) Dibromomethane	7.64	93	483780	106.037	ug/l	97
47) Bromodichloromethane	7.88	83	988821	103.703	ug/l	96
48) Methyl methacrylate	7.74	41	849313	122.625	ug/l	99
49) 1,4-Dioxane	7.72	88	335620	2405.162	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4695782	529.536	ug/l	100
52) Toluene	8.77	92	1622880	102.864	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	1095503	104.992	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1081730	98.636	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	639015	96.072	ug/l	99
56) Ethyl methacrylate	9.16	69	1032712	108.028	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1039680	93.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2581993	532.810	ug/l	100
59) 2-Hexanone	9.48	43	3593513	534.342	ug/l	99
60) Dibromochloromethane	9.57	129	851631	104.225	ug/l	99
61) 1,2-Dibromoethane	9.65	107	708775	97.743	ug/l	99
64) Tetrachloroethene	9.32	164	667068	94.019	ug/l	96
65) Chlorobenzene	10.12	112	1823199	108.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	712076	106.468	ug/l	98
67) Ethyl Benzene	10.24	91	3062002	109.910	ug/l	99
68) m/p-Xylenes	10.34	106	2325956	218.548	ug/l	100
69) o-Xylene	10.68	106	1125631	110.699	ug/l	99
70) Styrene	10.70	104	1992187	113.915	ug/l	100
71) Bromoform	10.84	173	651328	114.496	ug/l #	99
73) Isopropylbenzene	11.00	105	3079581	109.375	ug/l	98
74) N-amyl acetate	10.88	43	1413362	121.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	968599	112.777	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	891270m	106.404	ug/l	
77) Bromobenzene	11.24	156	864092	107.677	ug/l	96
78) n-propylbenzene	11.35	91	3570373	113.210	ug/l	99
79) 2-Chlorotoluene	11.41	91	2303619	118.178	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2881704	119.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	388354	117.105	ug/l	98
82) 4-Chlorotoluene	11.49	91	2716568	117.415	ug/l	99
83) tert-Butylbenzene	11.76	119	2663886	115.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2759898	114.048	ug/l	99
85) sec-Butylbenzene	11.93	105	3066950	113.409	ug/l	100
86) p-Isopropyltoluene	12.05	119	2863707	111.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1474536	102.903	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1463189	100.954	ug/l	99
89) n-Butylbenzene	12.37	91	2799766	127.222	ug/l	100
90) Hexachloroethane	12.58	117	595530	121.714	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1528369	113.263	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	266947	115.547	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	1010524	107.013	ug/l	99
94) Hexachlorobutadiene	13.77	225	437082	111.148	ug/l	99
95) Naphthalene	13.82	128	3212979	114.990	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1000575	109.051	ug/l	99

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

