

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016241.D
 Acq On : 14 May 2020 19:02
 Operator : JC/SP
 Sample : L2643-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MS

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:07 PM

Quant Time: May 15 04:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	236923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155958	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.46	113	124263	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.70	98	478815	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	191624	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126768	50.550	ug/l	98
3) Chloromethane	1.31	50	138353	47.506	ug/l	100
4) Vinyl Chloride	1.39	62	150950	48.581	ug/l	97
5) Bromomethane	1.62	94	64533	41.196	ug/l	95
6) Chloroethane	1.70	64	91240	48.261	ug/l	100
7) Trichlorofluoromethane	1.91	101	196050	48.060	ug/l	99
8) Diethyl Ether	2.17	74	82677	48.103	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111631	47.432	ug/l	100
10) Methyl Iodide	2.49	142	104390	33.022	ug/l	100
11) Tert butyl alcohol	3.03	59	194182	246.306	ug/l	100
12) 1,1-Dichloroethene	2.35	96	114965	46.680	ug/l	98
13) Acrolein	2.27	56	114243	231.571	ug/l	98
14) Allyl chloride	2.70	41	212357	47.026	ug/l	96
15) Acrylonitrile	3.12	53	416662	254.763	ug/l	99
16) Acetone	2.42	43	329918	237.168	ug/l	95
17) Carbon Disulfide	2.54	76	334859	45.256	ug/l	99
18) Methyl Acetate	2.75	43	171028	50.004	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	438686	51.670	ug/l	99
20) Methylene Chloride	2.83	84	138052	48.141	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	131588	47.946	ug/l	98
22) Diisopropyl ether	3.82	45	428650	50.316	ug/l	95
23) Vinyl Acetate	3.78	43	1773521	236.625	ug/l	100
24) 1,1-Dichloroethane	3.67	63	244153	51.232	ug/l	100
25) 2-Butanone	4.64	43	567349	253.102	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195570	44.936	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	160690	53.556	ug/l	96
28) Bromochloromethane	4.98	49	105633	48.610	ug/l	97
29) Tetrahydrofuran	5.09	42	374833	252.366	ug/l	98
30) Chloroform	5.18	83	245879	51.819	ug/l	99
31) Cyclohexane	5.55	56	206151	47.598	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	216999	50.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	182140	47.810	ug/l	99
37) Ethyl Acetate	4.80	43	208271	47.169	ug/l	99
38) Carbon Tetrachloride	5.76	117	194274	50.171	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	203814	44.425	ug/l	99
40) Benzene	6.12	78	556503	49.925	ug/l	100
41) Methacrylonitrile	5.01	41	114842	48.161	ug/l	97
42) 1,2-Dichloroethane	6.17	62	195979	48.807	ug/l	99
43) Isopropyl Acetate	6.42	43	333419	47.327	ug/l	98
44) Trichloroethene	7.19	130	207838	52.484	ug/l	96
45) 1,2-Dichloropropane	7.49	63	146474	51.932	ug/l	100
46) Dibromomethane	7.64	93	96093	50.134	ug/l	99
47) Bromodichloromethane	7.88	83	200717	51.417	ug/l	100
48) Methyl methacrylate	7.75	41	162901	48.798	ug/l	95
49) 1,4-Dioxane	7.71	88	81051	1012.344	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1091957	253.287	ug/l	98
52) Toluene	8.77	92	355332	51.142	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	228995	49.199	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237917	48.938	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143988	52.674	ug/l	99
56) Ethyl methacrylate	9.16	69	231009	51.772	ug/l	95
57) 1,3-Dichloropropane	9.35	76	245229	51.413	ug/l	100
59) 2-Hexanone	9.48	43	852884	251.912	ug/l	97
60) Dibromochloromethane	9.57	129	160214	53.216	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151908	51.304	ug/l	99
64) Tetrachloroethene	9.32	164	206184	45.269	ug/l	97
65) Chlorobenzene	10.12	112	378337	48.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	145256	50.588	ug/l	99
67) Ethyl Benzene	10.24	91	669144	48.275	ug/l	99
68) m/p-Xylenes	10.34	106	508363	97.890	ug/l	98
69) o-Xylene	10.68	106	249504	49.982	ug/l	99
70) Styrene	10.70	104	421644	49.788	ug/l	100
71) Bromoform	10.84	173	125794	53.773	ug/l	100
73) Isopropylbenzene	11.00	105	658677	46.141	ug/l	100
74) N-amyl acetate	10.88	43	284580	42.738	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	174301	60.538	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	212517m	47.716	ug/l	
77) Bromobenzene	11.24	156	169897	46.109	ug/l	99
78) n-propylbenzene	11.35	91	762581	45.919	ug/l	99
79) 2-Chlorotoluene	11.40	91	454613	46.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	565983	46.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85425	45.708	ug/l	97
82) 4-Chlorotoluene	11.49	91	543154	46.921	ug/l	100
83) tert-Butylbenzene	11.76	119	492041	47.369	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	578785	47.497	ug/l	99
85) sec-Butylbenzene	11.93	105	627150	44.717	ug/l	99
86) p-Isopropyltoluene	12.05	119	588785	45.217	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	306664	46.351	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	308426	45.930	ug/l	100
89) n-Butylbenzene	12.37	91	508828	42.774	ug/l	100
90) Hexachloroethane	12.58	117	106282	47.526	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	296992	46.619	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53811	45.843	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	210008	44.526	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75737	37.425	ug/l	98
95) Naphthalene	13.82	128	711684	46.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	209064	45.355	ug/l	97

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

