

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015929.D
 Acq On : 24 Apr 2020 12:58
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:39:57 PM

Quant Time: Apr 24 13:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	133613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	253170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	240025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	300396	161.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.48%	
35) Dibromofluoromethane	5.47	113	202609	143.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.66%	
50) Toluene-d8	8.70	98	918583	161.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.66%	
62) 4-Bromofluorobenzene	11.12	95	386746	160.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	239474	170.578	ug/l	99
3) Chloromethane	1.31	50	245926	170.156	ug/l	98
4) Vinyl Chloride	1.39	62	307911	164.734	ug/l	100
5) Bromomethane	1.62	94	78778	94.283	ug/l	100
6) Chloroethane	1.70	64	176682	153.840	ug/l	99
7) Trichlorofluoromethane	1.90	101	344009	153.608	ug/l	100
8) Diethyl Ether	2.17	74	161740	150.304	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	227489	161.524	ug/l	100
10) Methyl Iodide	2.49	142	268345	199.517	ug/l	100
11) Tert butyl alcohol	3.04	59	321550	833.725	ug/l	99
12) 1,1-Dichloroethene	2.35	96	238273	161.680	ug/l	94
13) Acrolein	2.28	56	180254	707.135	ug/l	100
14) Allyl chloride	2.70	41	409975	156.269	ug/l	99
15) Acrylonitrile	3.12	53	707783	831.508	ug/l	100
16) Acetone	2.43	43	546586	791.034	ug/l	100
17) Carbon Disulfide	2.54	76	620086	131.362	ug/l	99
18) Methyl Acetate	2.75	43	339500	164.025	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	854106	162.539	ug/l	99
20) Methylene Chloride	2.84	84	272650	159.449	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	266665	161.979	ug/l	98
22) Diisopropyl ether	3.83	45	818657	158.634	ug/l	88
23) Vinyl Acetate	3.79	43	3347929	799.658	ug/l	100
24) 1,1-Dichloroethane	3.67	63	473605	161.288	ug/l	99
25) 2-Butanone	4.64	43	919687	831.003	ug/l	99
26) 2,2-Dichloropropane	4.56	77	409021	156.082	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	298374	159.282	ug/l	100
28) Bromochloromethane	4.99	49	211378	161.402	ug/l	100
29) Tetrahydrofuran	5.10	42	595139	809.177	ug/l	100
30) Chloroform	5.18	83	468226	161.311	ug/l	99
31) Cyclohexane	5.55	56	431123	161.486	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	415634	157.887	ug/l	100
36) 1,1-Dichloropropene	5.77	75	366719	153.108	ug/l	100
37) Ethyl Acetate	4.80	43	367528	153.286	ug/l	99
38) Carbon Tetrachloride	5.76	117	344038	159.327	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	451252	156.488	ug/l	98
40) Benzene	6.12	78	1091546	157.113	ug/l	97
41) Methacrylonitrile	5.01	41	203198	147.745	ug/l	99
42) 1,2-Dichloroethane	6.17	62	379124	155.663	ug/l	99
43) Isopropyl Acetate	6.42	43	626446	161.768	ug/l	100
44) Trichloroethene	7.19	130	330009	152.850	ug/l	99
45) 1,2-Dichloropropane	7.49	63	280569	158.131	ug/l	99
46) Dibromomethane	7.64	93	185235	155.857	ug/l	98
47) Bromodichloromethane	7.88	83	390710	163.998	ug/l	99
48) Methyl methacrylate	7.75	41	309142	162.017	ug/l	99
49) 1,4-Dioxane	7.72	88	142630	3439.361	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1891874	845.353	ug/l	99
52) Toluene	8.77	92	692053	157.193	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	470147	163.189	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	491720	163.279	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	275659	156.358	ug/l	99
56) Ethyl methacrylate	9.16	69	477122	173.634	ug/l	100
57) 1,3-Dichloropropane	9.35	76	478171	159.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1158771	848.171	ug/l	100
59) 2-Hexanone	9.48	43	1460185	868.449	ug/l	99
60) Dibromochloromethane	9.57	129	297364	176.355	ug/l	100
61) 1,2-Dibromoethane	9.66	107	291437	161.339	ug/l	99
64) Tetrachloroethene	9.32	164	355142	149.000	ug/l	98
65) Chlorobenzene	10.12	112	735338	157.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	266997	163.049	ug/l	99
67) Ethyl Benzene	10.24	91	1342132	155.271	ug/l	99
68) m/p-Xylenes	10.35	106	999188	317.646	ug/l	99
69) o-Xylene	10.68	106	488725	159.469	ug/l	100
70) Styrene	10.70	104	887594	171.773	ug/l	100
71) Bromoform	10.84	173	200842	192.659	ug/l	98
73) Isopropylbenzene	11.01	105	1293026	156.965	ug/l	100
74) N-amyl acetate	10.88	43	586720	167.863	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	316975	176.726	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	373803m	126.989	ug/l	
77) Bromobenzene	11.24	156	302869	163.828	ug/l	99
78) n-propylbenzene	11.35	91	1546394	159.646	ug/l	99
79) 2-Chlorotoluene	11.41	91	941333	166.710	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1143852	165.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	177048	184.461	ug/l	99
82) 4-Chlorotoluene	11.50	91	1114974	165.306	ug/l	99
83) tert-Butylbenzene	11.76	119	937284	160.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1170031	165.195	ug/l	99
85) sec-Butylbenzene	11.93	105	1310329	165.348	ug/l	99
86) p-Isopropyltoluene	12.05	119	1206139	166.999	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	558501	164.193	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	573982	166.273	ug/l	99
89) n-Butylbenzene	12.37	91	1147452	169.549	ug/l	99
90) Hexachloroethane	12.58	117	208823	194.662	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	530805	159.934	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	99033	171.166	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	361211	171.550	ug/l	99
94) Hexachlorobutadiene	13.77	225	128689	171.415	ug/l	99
95) Naphthalene	13.82	128	1319989	173.801	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	334781	168.383	ug/l	99

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

