

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014243.D
 Acq On : 24 Dec 2019 14:28
 Operator : JC/SP
 Sample : K6401-02MS 40X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MS

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:33 AM

Quant Time: Dec 25 07:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	501911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	780569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	715772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	357392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	283079	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	5.49	113	238399	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	916650	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	334893	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	196735	43.814	ug/l	100
3) Chloromethane	1.32	50	273760	45.430	ug/l	98
4) Vinyl Chloride	1.40	62	297165	46.735	ug/l	99
5) Bromomethane	1.63	94	195064	43.223	ug/l	98
6) Chloroethane	1.71	64	194744	49.624	ug/l	95
7) Trichlorofluoromethane	1.92	101	380815	48.381	ug/l	99
8) Diethyl Ether	2.18	74	179992	48.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	229991	48.473	ug/l	99
10) Methyl Iodide	2.50	142	287107	46.100	ug/l	100
11) Tert butyl alcohol	3.03	59	297815	242.294	ug/l	99
12) 1,1-Dichloroethene	2.36	96	228702	47.369	ug/l	99
13) Acrolein	2.28	56	187790	266.898	ug/l	97
14) Allyl chloride	2.72	41	429349	49.806	ug/l	99
15) Acrylonitrile	3.13	53	752583	262.323	ug/l	100
16) Acetone	2.44	43	840501	227.591	ug/l	99
17) Carbon Disulfide	2.56	76	579779	43.357	ug/l	99
18) Methyl Acetate	2.76	43	391406	53.486	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	814482	51.338	ug/l	98
20) Methylene Chloride	2.85	84	276375	47.524	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	251641	47.310	ug/l	98
22) Diisopropyl ether	3.84	45	894412	52.067	ug/l	96
23) Vinyl Acetate	3.80	43	3586947	255.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	470411	49.220	ug/l	99
25) 2-Butanone	4.65	43	1136759	249.668	ug/l	98
26) 2,2-Dichloropropane	4.57	77	354057	47.714	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	297269	49.417	ug/l	99
28) Bromochloromethane	5.00	49	193195	52.538	ug/l	98
29) Tetrahydrofuran	5.11	42	679937	266.992	ug/l	99
30) Chloroform	5.20	83	456830	50.422	ug/l	98
31) Cyclohexane	5.57	56	424910	49.988	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	380427	49.267	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342563	47.830	ug/l	100
37) Ethyl Acetate	4.82	43	413418	52.271	ug/l	99
38) Carbon Tetrachloride	5.78	117	317824	48.711	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	425466	48.110	ug/l	99
40) Benzene	6.14	78	1075683	48.812	ug/l	99
41) Methacrylonitrile	5.03	41	227412	51.822	ug/l	99
42) 1,2-Dichloroethane	6.19	62	363610	48.676	ug/l	100
43) Isopropyl Acetate	6.44	43	672879	51.408	ug/l	99
44) Trichloroethene	7.21	130	356833	58.624	ug/l	98
45) 1,2-Dichloropropane	7.51	63	286029	50.640	ug/l	97
46) Dibromomethane	7.65	93	180046	48.213	ug/l	98
47) Bromodichloromethane	7.89	83	346340	49.244	ug/l	100
48) Methyl methacrylate	7.76	41	328404	51.238	ug/l	99
49) 1,4-Dioxane	7.73	88	121682	932.914	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2109285	256.598	ug/l	100
52) Toluene	8.78	92	686473	49.284	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	393043	50.966	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	445429	51.845	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	280887	50.315	ug/l	99
56) Ethyl methacrylate	9.17	69	452779	51.632	ug/l	100
57) 1,3-Dichloropropane	9.37	76	466804	49.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	894337	269.490	ug/l	99
59) 2-Hexanone	9.48	43	1628299	246.068	ug/l	99
60) Dibromochloromethane	9.57	129	283192	51.033	ug/l	99
61) 1,2-Dibromoethane	9.67	107	289084	50.611	ug/l	100
64) Tetrachloroethene	9.33	164	337932	53.355	ug/l	96
65) Chlorobenzene	10.14	112	724580	47.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	267226	49.176	ug/l	100
67) Ethyl Benzene	10.25	91	2000798	76.468	ug/l	100
68) m/p-Xylenes	10.36	106	1947479	193.520	ug/l	99
69) o-Xylene	10.70	106	834956	84.597	ug/l	99
70) Styrene	10.71	104	845808	50.679	ug/l	93
71) Bromoform	10.85	173	216714	49.613	ug/l	100
73) Isopropylbenzene	11.01	105	1297219	51.552	ug/l	100
74) N-amyl acetate	10.89	43	652727	55.339	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	447387	51.283	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	350531m	45.178	ug/l	
77) Bromobenzene	11.25	156	323740	46.761	ug/l	98
78) n-propylbenzene	11.35	91	1501187	53.187	ug/l	100
79) 2-Chlorotoluene	11.42	91	870400	50.731	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1251554	59.099	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	141585	51.506	ug/l	96
82) 4-Chlorotoluene	11.51	91	996044	50.048	ug/l	98
83) tert-Butylbenzene	11.76	119	1014176	49.210	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1401550	66.086	ug/l	100
85) sec-Butylbenzene	11.94	105	1287624	52.924	ug/l	99
86) p-Isopropyltoluene	12.06	119	1182140	53.118	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	581124	47.893	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	576437	46.722	ug/l	99
89) n-Butylbenzene	12.39	91	1077490	56.741	ug/l	97
90) Hexachloroethane	12.59	117	203493	50.906	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	590102	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89844	46.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	399500	50.321	ug/l	98
94) Hexachlorobutadiene	13.78	225	198723	52.084	ug/l	96
95) Naphthalene	13.83	128	1274045	54.621	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	403165	51.444	ug/l	97

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

