

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123119\
 Data File : VX014374.D
 Acq On : 31 Dec 2019 12:57
 Operator : JC/SP
 Sample : VX1231MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:17 AM

Quant Time: Jan 01 03:55:17 2020
 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	449891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	688111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269079	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.48	113	223965	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	8.71	98	844559	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	304794	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67665	16.812	ug/l	95
3) Chloromethane	1.32	50	93930	17.390	ug/l	100
4) Vinyl Chloride	1.40	62	99054	17.380	ug/l	100
5) Bromomethane	1.63	94	61343	15.164	ug/l	97
6) Chloroethane	1.72	64	64841	18.433	ug/l	93
7) Trichlorofluoromethane	1.92	101	133341	18.899	ug/l	97
8) Diethyl Ether	2.17	74	62773	18.958	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82985	19.512	ug/l	99
10) Methyl Iodide	2.50	142	82795	16.609	ug/l	98
11) Tert butyl alcohol	3.02	59	113161	102.710	ug/l	98
12) 1,1-Dichloroethene	2.36	96	77861	17.991	ug/l	93
13) Acrolein	2.28	56	52918	83.906	ug/l	100
14) Allyl chloride	2.72	41	150178	19.436	ug/l	99
15) Acrylonitrile	3.12	53	276644	107.578	ug/l	99
16) Acetone	2.43	43	305428	92.267	ug/l	98
17) Carbon Disulfide	2.56	76	192334	16.519	ug/l	99
18) Methyl Acetate	2.76	43	145484	22.179	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	293117	20.612	ug/l	99
20) Methylene Chloride	2.84	84	99757	19.137	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87462	18.345	ug/l	99
22) Diisopropyl ether	3.84	45	327462	21.267	ug/l	94
23) Vinyl Acetate	3.80	43	1354274	107.777	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169623	19.800	ug/l	98
25) 2-Butanone	4.65	43	421116	103.185	ug/l	98
26) 2,2-Dichloropropane	4.57	77	128617	19.337	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	106958	19.836	ug/l	99
28) Bromochloromethane	5.00	49	83454	25.554	ug/l	93
29) Tetrahydrofuran	5.11	42	249793	109.428	ug/l	97
30) Chloroform	5.20	83	161335	19.866	ug/l	95
31) Cyclohexane	5.57	56	148217	19.453	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	129698	18.739	ug/l	99
36) 1,1-Dichloropropene	5.79	75	118371	18.748	ug/l	100
37) Ethyl Acetate	4.81	43	153664	22.039	ug/l	99
38) Carbon Tetrachloride	5.77	117	108758	18.908	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145730	18.693	ug/l	96
40) Benzene	6.13	78	377312	19.422	ug/l	99
41) Methacrylonitrile	5.02	41	81642	21.104	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135107	20.517	ug/l	100
43) Isopropyl Acetate	6.43	43	243940	21.141	ug/l	99
44) Trichloroethene	7.20	130	104441	19.464	ug/l	99
45) 1,2-Dichloropropane	7.50	63	102350	20.555	ug/l	99
46) Dibromomethane	7.65	93	67414	20.478	ug/l	97
47) Bromodichloromethane	7.89	83	125314	20.212	ug/l	95
48) Methyl methacrylate	7.76	41	114946	20.344	ug/l	99
49) 1,4-Dioxane	7.73	88	47282	411.210	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	769610	106.204	ug/l	99
52) Toluene	8.78	92	236674	19.275	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	134380	19.766	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152697	20.161	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103199	20.970	ug/l	98
56) Ethyl methacrylate	9.17	69	157702	20.400	ug/l	99
57) 1,3-Dichloropropane	9.36	76	171343	20.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302127	103.272	ug/l	99
59) 2-Hexanone	9.48	43	597498	102.426	ug/l	98
60) Dibromochloromethane	9.57	129	101398	20.728	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104821	20.817	ug/l	100
64) Tetrachloroethene	9.33	164	114111	20.639	ug/l	96
65) Chlorobenzene	10.13	112	259150	19.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94861	19.998	ug/l	98
67) Ethyl Benzene	10.25	91	448850	19.651	ug/l	99
68) m/p-Xylenes	10.36	106	336605	38.317	ug/l	99
69) o-Xylene	10.69	106	164008	19.036	ug/l	99
70) Styrene	10.71	104	283913	19.487	ug/l	99
71) Bromoform	10.85	173	73610	19.305	ug/l #	99
73) Isopropylbenzene	11.01	105	440149	20.316	ug/l	100
74) N-amyl acetate	10.89	43	199961	19.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154991	20.635	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	129658m	19.409	ug/l	
77) Bromobenzene	11.25	156	114623	19.230	ug/l	99
78) n-propylbenzene	11.35	91	496126	20.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	294803	19.957	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	358661	19.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44658	18.869	ug/l	91
82) 4-Chlorotoluene	11.51	91	338242	19.740	ug/l	99
83) tert-Butylbenzene	11.76	119	339900	19.156	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	365796	20.033	ug/l	100
85) sec-Butylbenzene	11.94	105	422684	20.179	ug/l	99
86) p-Isopropyltoluene	12.06	119	384723	20.078	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200981	19.238	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199311	18.763	ug/l	98
89) n-Butylbenzene	12.39	91	325387	19.902	ug/l	100
90) Hexachloroethane	12.59	117	66595	19.350	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205156	19.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30100	18.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131070	19.176	ug/l	97
94) Hexachlorobutadiene	13.78	225	64285	19.569	ug/l	96
95) Naphthalene	13.83	128	392774	19.558	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	133244	19.747	ug/l	98

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

