

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014399.D
 Acq On : 03 Jan 2020 14:40
 Operator : JC/SP
 Sample : VX0103MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0103MBS01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:42:11 AM

Quant Time: Jan 06 03:06:34 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	486704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	741037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	654239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	267646	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	226174	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	865362	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	302403	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68082	15.636	ug/l	98
3) Chloromethane	1.32	50	93195	15.949	ug/l	98
4) Vinyl Chloride	1.40	62	104070	16.878	ug/l	100
5) Bromomethane	1.63	94	75452	17.241	ug/l	100
6) Chloroethane	1.72	64	69929	18.376	ug/l	97
7) Trichlorofluoromethane	1.92	101	141772	18.574	ug/l	99
8) Diethyl Ether	2.18	74	65267	18.220	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88741	19.287	ug/l	99
10) Methyl Iodide	2.50	142	95781	17.579	ug/l	99
11) Tert butyl alcohol	3.03	59	126321	105.982	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82981	17.724	ug/l	98
13) Acrolein	2.28	56	50746	74.377	ug/l	98
14) Allyl chloride	2.72	41	155325	18.581	ug/l	99
15) Acrylonitrile	3.13	53	278821	100.223	ug/l	98
16) Acetone	2.43	43	272341	76.049	ug/l	99
17) Carbon Disulfide	2.56	76	197104	15.688	ug/l	99
18) Methyl Acetate	2.76	43	143927	20.282	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	300490	19.532	ug/l	99
20) Methylene Chloride	2.85	84	101424	17.985	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	90726	17.590	ug/l	99
22) Diisopropyl ether	3.84	45	327851	19.682	ug/l	98
23) Vinyl Acetate	3.80	43	1374928	101.145	ug/l	100
24) 1,1-Dichloroethane	3.69	63	172100	18.570	ug/l	100
25) 2-Butanone	4.65	43	403026	91.283	ug/l	95
26) 2,2-Dichloropropane	4.57	77	134164	18.645	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	110343	18.916	ug/l	98
28) Bromochloromethane	5.01	49	75991	21.581	ug/l	99
29) Tetrahydrofuran	5.12	42	251630	101.895	ug/l	98
30) Chloroform	5.20	83	168710	19.203	ug/l	95
31) Cyclohexane	5.57	56	146443	17.766	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	144317	19.274	ug/l	97
36) 1,1-Dichloropropene	5.79	75	121624	17.887	ug/l	99
37) Ethyl Acetate	4.82	43	147866	19.693	ug/l	98
38) Carbon Tetrachloride	5.78	117	118244	19.089	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147532	17.572	ug/l	99
40) Benzene	6.14	78	389909	18.637	ug/l	98
41) Methacrylonitrile	5.03	41	80571	19.340	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134615	18.982	ug/l	99
43) Isopropyl Acetate	6.44	43	244391	19.667	ug/l	98
44) Trichloroethene	7.21	130	104615	18.104	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101830	18.990	ug/l	96
46) Dibromomethane	7.65	93	65746	18.545	ug/l	97
47) Bromodichloromethane	7.89	83	128980	19.317	ug/l	99
48) Methyl methacrylate	7.76	41	117144	19.252	ug/l	99
49) 1,4-Dioxane	7.73	88	48751	393.704	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	772094	98.937	ug/l	100
52) Toluene	8.78	92	245130	18.537	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139844	19.101	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157411	19.299	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102017	19.249	ug/l	98
56) Ethyl methacrylate	9.17	69	158400	19.027	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173707	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	310067	98.417	ug/l	99
59) 2-Hexanone	9.48	43	586929	93.428	ug/l	100
60) Dibromochloromethane	9.57	129	104868	19.906	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105911	19.531	ug/l	99
64) Tetrachloroethene	9.33	164	108689	18.774	ug/l	96
65) Chlorobenzene	10.14	112	266007	19.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	97009	19.531	ug/l	99
67) Ethyl Benzene	10.25	91	455312	19.038	ug/l	100
68) m/p-Xylenes	10.36	106	349350	37.980	ug/l	99
69) o-Xylene	10.70	106	173327	19.213	ug/l	99
70) Styrene	10.71	104	282552	18.522	ug/l	97
71) Bromoform	10.85	173	78324	19.617	ug/l #	99
73) Isopropylbenzene	11.01	105	454612	20.104	ug/l	100
74) N-amyl acetate	10.89	43	202242	19.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	157427	20.081	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147993m	21.225	ug/l	
77) Bromobenzene	11.25	156	117914	18.953	ug/l	97
78) n-propylbenzene	11.35	91	498434	19.651	ug/l	100
79) 2-Chlorotoluene	11.42	91	298935	19.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	377508	19.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47789	19.346	ug/l	95
82) 4-Chlorotoluene	11.51	91	339932	19.007	ug/l	100
83) tert-Butylbenzene	11.76	119	370218	19.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	375093	19.681	ug/l	99
85) sec-Butylbenzene	11.94	105	439413	20.098	ug/l	100
86) p-Isopropyltoluene	12.06	119	389343	19.468	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	204389	18.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	203117	18.320	ug/l	99
89) n-Butylbenzene	12.39	91	322070	18.873	ug/l	100
90) Hexachloroethane	12.59	117	69012	19.212	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	207358	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32527	18.749	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	131331	18.409	ug/l	98
94) Hexachlorobutadiene	13.78	225	67739	19.756	ug/l	97
95) Naphthalene	13.83	128	399626	19.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136777	19.421	ug/l	98

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

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