

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014422.D
 Acq On : 06 Jan 2020 13:09
 Operator : JC/SP
 Sample : VX0106MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 9:09:08 AM

Quant Time: Jan 06 16:13:50 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	483244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	731703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	648520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	271874	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.48	113	222474	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	855925	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	306632	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	64401	14.896	ug/l	97
3) Chloromethane	1.32	50	89287	15.389	ug/l	98
4) Vinyl Chloride	1.40	62	97844	15.982	ug/l	99
5) Bromomethane	1.63	94	63374	14.585	ug/l	99
6) Chloroethane	1.72	64	66153	17.508	ug/l	97
7) Trichlorofluoromethane	1.92	101	135806	17.920	ug/l	97
8) Diethyl Ether	2.18	74	65149	18.317	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83789	18.341	ug/l	99
10) Methyl Iodide	2.50	142	96678	17.827	ug/l	100
11) Tert butyl alcohol	3.02	59	112947	95.440	ug/l	99
12) 1,1-Dichloroethene	2.36	96	79434	17.088	ug/l	95
13) Acrolein	2.28	56	52235	77.107	ug/l	99
14) Allyl chloride	2.72	41	152021	18.316	ug/l	100
15) Acrylonitrile	3.12	53	268445	97.185	ug/l	99
16) Acetone	2.43	43	272671	76.686	ug/l	100
17) Carbon Disulfide	2.56	76	187860	15.089	ug/l	98
18) Methyl Acetate	2.76	43	139056	19.736	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	310686	20.339	ug/l	95
20) Methylene Chloride	2.84	84	100672	17.980	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	88094	17.202	ug/l	96
22) Diisopropyl ether	3.84	45	329722	19.936	ug/l	94
23) Vinyl Acetate	3.80	43	1375121	101.883	ug/l	100
24) 1,1-Dichloroethane	3.69	63	170343	18.512	ug/l	100
25) 2-Butanone	4.65	43	393286	89.715	ug/l	100
26) 2,2-Dichloropropane	4.57	77	131369	18.388	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	107519	18.564	ug/l	99
28) Bromochloromethane	5.00	49	77675	22.204	ug/l	98
29) Tetrahydrofuran	5.11	42	239425	97.647	ug/l	100
30) Chloroform	5.20	83	170495	19.545	ug/l	96
31) Cyclohexane	5.57	56	145633	17.795	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	139466	18.759	ug/l	99
36) 1,1-Dichloropropene	5.78	75	120857	18.001	ug/l	99
37) Ethyl Acetate	4.81	43	145956	19.687	ug/l	99
38) Carbon Tetrachloride	5.77	117	116291	19.014	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	146070	17.620	ug/l	99
40) Benzene	6.13	78	385492	18.661	ug/l	99
41) Methacrylonitrile	5.02	41	82358	20.021	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139129	19.869	ug/l	99
43) Isopropyl Acetate	6.43	43	245330	19.995	ug/l	100
44) Trichloroethene	7.20	130	106041	18.585	ug/l	98
45) 1,2-Dichloropropane	7.50	63	103934	19.630	ug/l	98
46) Dibromomethane	7.65	93	67321	19.231	ug/l	98
47) Bromodichloromethane	7.89	83	131101	19.885	ug/l	97
48) Methyl methacrylate	7.76	41	116362	19.367	ug/l	99
49) 1,4-Dioxane	7.73	88	48174	394.007	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	757309	98.281	ug/l	99
52) Toluene	8.78	92	240143	18.392	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	145142	20.077	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161064	19.999	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104934	20.052	ug/l	98
56) Ethyl methacrylate	9.17	69	160365	19.508	ug/l	99
57) 1,3-Dichloropropane	9.36	76	174390	19.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	308192	99.069	ug/l	100
59) 2-Hexanone	9.48	43	570796	92.019	ug/l	98
60) Dibromochloromethane	9.57	129	105650	20.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107824	20.138	ug/l	99
64) Tetrachloroethene	9.33	164	109647	19.107	ug/l	99
65) Chlorobenzene	10.13	112	261335	18.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	100154	20.342	ug/l	99
67) Ethyl Benzene	10.25	91	454326	19.164	ug/l	97
68) m/p-Xylenes	10.35	106	347955	38.162	ug/l	99
69) o-Xylene	10.69	106	170385	19.053	ug/l	98
70) Styrene	10.71	104	292605	19.350	ug/l	100
71) Bromoform	10.85	173	79452	20.075	ug/l #	100
73) Isopropylbenzene	11.01	105	461119	19.814	ug/l	99
74) N-amyl acetate	10.89	43	206748	18.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155611	19.287	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153881m	21.444	ug/l	
77) Bromobenzene	11.25	156	121851	19.030	ug/l	96
78) n-propylbenzene	11.35	91	508414	19.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	307481	19.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	379172	19.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48782	19.188	ug/l	95
82) 4-Chlorotoluene	11.51	91	350932	19.066	ug/l	99
83) tert-Butylbenzene	11.76	119	366498	19.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384406	19.598	ug/l	98
85) sec-Butylbenzene	11.94	105	445016	19.777	ug/l	99
86) p-Isopropyltoluene	12.06	119	402473	19.554	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211235	18.823	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	211637	18.547	ug/l	98
89) n-Butylbenzene	12.39	91	336869	19.181	ug/l	99
90) Hexachloroethane	12.59	117	70366	19.033	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	213831	18.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31743	17.779	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	140019	19.070	ug/l	99
94) Hexachlorobutadiene	13.78	225	71203	20.178	ug/l	99
95) Naphthalene	13.83	128	415817	19.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141674	19.547	ug/l	98

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

