

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080719\
 Data File : VV012126.D
 Acq On : 07 Aug 2019 14:33
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Aug 08 01:16:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 01:11:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	251528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226764	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	108552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57998	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.58	69	40213	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	78420	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.92	46	105441	105.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.25%
24) Chloroform-d	4.40	84	169663	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.08	65	115541	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
32) Benzene-d6	5.10	84	330684	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.12	67	97967	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.66%
41) Toluene-d8	7.36	98	317287	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.66	79	54760	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
47) 2-Hexanone-d5	8.13	63	87597	111.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.58%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	142404	53.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.90%
66) 1,2-Dichlorobenzene-d4	11.67	152	133137	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4886	2.750 ug/L	97
3) Chloromethane	1.25	50	3841	3.045 ug/L	100
5) Vinyl chloride	1.33	62	3221	2.645 ug/L #	61
6) Bromomethane	1.53	94	1912	2.705 ug/L	91
8) Chloroethane	1.60	64	1726	2.707 ug/L	92
9) Trichlorofluoromethane	1.77	101	5118	2.585 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3106	3.200 ug/L #	78
12) 1,1-Dichloroethene	2.14	96	3000	3.283 ug/L #	1
13) Acetone	2.19	43	2730	3.997 ug/L	95
14) Carbon disulfide	2.32	76	7473	2.420 ug/L	98
15) Methyl Acetate	2.46	43	3394	2.840 ug/L	91
16) Methylene chloride	2.54	84	3728	2.689 ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	3484	2.700 ug/L	88
18) Methyl tert-butyl Ether	2.80	73	11830	2.668 ug/L	97
19) 1,1-Dichloroethane	3.23	63	5805	2.467 ug/L	91
20) cis-1,2-Dichloroethene	3.96	96	4050	2.665 ug/L	95
22) 2-Butanone	4.02	43	4406	5.005 ug/L #	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	2222	2.659	µg/L	83
25) Chloroform	4.43	83	11998	4.498	µg/L	96
27) 1,2-Dichloroethane	5.18	62	6176	2.979	µg/L	95
29) Cyclohexane	4.73	56	5159	2.721	µg/L #	90
30) 1,1,1-Trichloroethane	4.66	97	6369	2.644	µg/L	94
31) Carbon tetrachloride	4.88	117	6409	2.868	µg/L	94
33) Benzene	5.15	78	15999	3.065	µg/L	100
34) Trichloroethene	5.96	95	3914	2.698	µg/L	87
35) Methylcyclohexane	6.17	83	5800	2.686	µg/L	95
37) 1,2-Dichloropropane	6.22	63	3712	2.915	µg/L #	84
38) Bromodichloromethane	6.55	83	5639	2.815	µg/L	92
39) cis-1,3-Dichloropropene	7.07	75	6259	2.788	µg/L	91
40) 4-Methyl-2-pentanone	7.27	43	9539	5.821	µg/L	98
42) Toluene	7.43	91	16895	2.913	µg/L	97
44) trans-1,3-Dichloropropene	7.69	75	6227	2.939	µg/L	88
45) 1,1,2-Trichloroethane	7.88	97	4095	2.984	µg/L	87
46) Tetrachloroethene	8.02	164	3703	2.739	µg/L	96
48) 2-Hexanone	8.18	43	8017	6.489	µg/L	98
49) Dibromochloromethane	8.29	129	5003	2.809	µg/L	99
50) 1,2-Dibromoethane	8.40	107	4260	2.807	µg/L	94
51) Chlorobenzene	8.93	112	11002	2.813	µg/L	99
52) Ethylbenzene	9.05	91	17662	2.714	µg/L	100
53) m,p-Xylene	9.18	106	6220	2.477	µg/L	88
54) o-Xylene	9.59	106	6969	2.797	µg/L	96
55) Styrene	9.60	104	10736	2.558	µg/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	6262	2.967	µg/L #	95
59) Bromoform	9.77	173	3807	2.990	µg/L #	97
60) Isopropylbenzene	9.97	105	17106	2.879	µg/L	98
61) 1,2,3-Trichloropropane	10.32	75	4851	3.291	µg/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	14782	2.877	µg/L	99
63) 1,2,4-Trimethylbenzene	10.96	105	13721	2.706	µg/L	99
64) 1,3-Dichlorobenzene	11.23	146	8422	2.809	µg/L	94
65) 1,4-Dichlorobenzene	11.32	146	8644	2.852	µg/L	98
67) 1,2-Dichlorobenzene	11.69	146	9363	3.061	µg/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1454	2.993	µg/L	99
69) 1,3,5-Trichlorobenzene	12.69	180	5991	2.465	µg/L	95
70) 1,2,4-trichlorobenzene	13.32	180	4520	2.145	µg/L	88
71) Naphthalene	13.55	128	8587	1.608	µg/L #	91
72) 1,2,3-Trichlorobenzene	13.79	180	4224	1.992	µg/L	95

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

