

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
 Data File : VV008404.D
 Acq On : 24 Oct 2018 20:10
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Oct 25 09:22:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 09:16:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196616	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43604	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.12%
7) Chloroethane-d5	1.56	69	34823	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.13	63	62620	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	3.93	46	112282	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.41	84	118205	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	5.09	65	81112	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.10	84	232270	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
36) 1,2-Dichloropropane-d6	6.12	67	80724	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.36	98	208464	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.67	79	37635	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.14	63	86973	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112875	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	72079	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3571	2.543 ug/L	97
3) Chloromethane	1.25	50	3879	2.579 ug/L	100
5) Vinyl chloride	1.33	62	3548	2.546 ug/L #	72
6) Bromomethane	1.51	94	1033	2.702 ug/L	79
8) Chloroethane	1.59	64	2365	3.230 ug/L	92
9) Trichlorofluoromethane	1.76	101	4502	2.510 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2981	3.182 ug/L #	85
12) 1,1-Dichloroethene	2.14	96	2666	3.022 ug/L #	1
13) Acetone	2.19	43	3675	4.002 ug/L	98
14) Carbon disulfide	2.32	76	10020	2.522 ug/L	99
15) Methyl Acetate	2.46	43	4793	2.618 ug/L	97
16) Methylene chloride	2.54	84	4099	2.683 ug/L	97
17) trans-1,2-Dichloroethene	2.80	96	3509	2.609 ug/L	91
18) Methyl tert-butyl Ether	2.81	73	12111	2.516 ug/L	98
19) 1,1-Dichloroethane	3.24	63	6908	2.491 ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3903	2.548 ug/L	91
22) 2-Butanone	4.03	43	5343	4.028 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	1702	2.356	ug/L	97
25) Chloroform	4.43	83	7313	2.701	ug/L	90
27) 1,2-Dichloroethane	5.19	62	5795	2.563	ug/L	97
29) Cyclohexane	4.73	56	6768	2.601	ug/L	97
30) 1,1,1-Trichloroethane	4.67	97	5862	2.530	ug/L	98
31) Carbon tetrachloride	4.89	117	4959	2.522	ug/L	97
33) Benzene	5.15	78	15109	2.587	ug/L	100
34) Trichloroethene	5.97	95	4032	2.696	ug/L	92
35) Methylcyclohexane	6.18	83	6339	2.493	ug/L	98
37) 1,2-Dichloropropane	6.23	63	4304	2.668	ug/L #	92
38) Bromodichloromethane	6.56	83	4918	2.392	ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	5669	2.235	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	12042	5.041	ug/L	97
42) Toluene	7.43	91	15843	2.611	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	5844	2.463	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	3596	2.521	ug/L	97
46) Tetrachloroethene	8.02	164	2566	2.632	ug/L	97
48) 2-Hexanone	8.19	43	9114	4.944	ug/L	97
49) Dibromochloromethane	8.29	129	3486	2.274	ug/L	97
50) 1,2-Dibromoethane	8.40	107	3670	2.453	ug/L #	97
51) Chlorobenzene	8.93	112	9313	2.493	ug/L	97
52) Ethylbenzene	9.06	91	17206	2.532	ug/L	99
53) m,p-Xylene	9.19	106	5919	2.384	ug/L	98
54) o-xylene	9.59	106	6098	2.459	ug/L	97
55) Styrene	9.61	104	10310	2.468	ug/L	97
56) Isopropylbenzene	9.98	105	15878	2.448	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	6958	2.785	ug/L #	97
59) 1,2,3-Trichloropropane	10.32	75	5329	2.636	ug/L	99
61) Bromoform	9.78	173	2412	2.525	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	6537	2.612	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	6618	2.638	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	6745	2.643	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1304	2.485	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.70	180	3460	2.117	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2326	1.759	ug/L	96
69) Naphthalene	13.56	128	6213	1.453	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	2505	1.896	ug/L	92

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

