

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
 Data File : VV008400.D
 Acq On : 24 Oct 2018 18:38
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Oct 25 09:19:55 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	197260	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45689	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.66%
7) Chloroethane-d5	1.57	69	35660	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.13	63	64669	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	3.93	46	115628	97.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.41%
24) Chloroform-d	4.41	84	119573	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.09	65	83584	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.10	84	237051	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.12	67	82855	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.36	98	210729	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	39222	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
47) 2-Hexanone-d5	8.14	63	90930	98.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.99%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	116007	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	73369	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3100	2.201 ug/L	98
3) Chloromethane	1.25	50	3621	2.400 ug/L	95
5) Vinyl chloride	1.33	62	2994	2.141 ug/L #	55
6) Bromomethane	1.52	94	1022	2.664 ug/L	92
8) Chloroethane	1.59	64	2011	2.738 ug/L	96
9) Trichlorofluoromethane	1.77	101	3960	2.201 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2675	2.846 ug/L #	83
12) 1,1-Dichloroethene	2.14	96	2526	2.854 ug/L #	1
13) Acetone	2.19	43	4386	4.761 ug/L	99
14) Carbon disulfide	2.32	76	9186	2.304 ug/L	98
15) Methyl Acetate	2.46	43	4473	2.435 ug/L	95
16) Methylene chloride	2.54	84	3658	2.386 ug/L	95
17) trans-1,2-Dichloroethene	2.80	96	3058	2.267 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	11010	2.280 ug/L #	93
19) 1,1-Dichloroethane	3.23	63	5889	2.116 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	3624	2.358 ug/L	86
22) 2-Butanone	4.03	43	4831	3.630 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	1565	2.159	ug/L	98
25) Chloroform	4.44	83	6635	2.443	ug/L	97
27) 1,2-Dichloroethane	5.19	62	5375	2.369	ug/L	100
29) Cyclohexane	4.73	56	6117	2.362	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	5345	2.318	ug/L	99
31) Carbon tetrachloride	4.88	117	4264	2.179	ug/L	99
33) Benzene	5.15	78	12991	2.235	ug/L	100
34) Trichloroethene	5.97	95	3526	2.369	ug/L	97
35) Methylcyclohexane	6.18	83	5705	2.255	ug/L	93
37) 1,2-Dichloropropane	6.23	63	3852	2.399	ug/L #	89
38) Bromodichloromethane	6.56	83	4587	2.242	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	5667	2.245	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	11427	4.806	ug/L #	95
42) Toluene	7.44	91	14482	2.398	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	5719	2.422	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	3016	2.125	ug/L	90
46) Tetrachloroethene	8.03	164	2433	2.508	ug/L	94
48) 2-Hexanone	8.19	43	8069	4.398	ug/L #	89
49) Dibromochloromethane	8.29	129	3241	2.125	ug/L	98
50) 1,2-Dibromoethane	8.40	107	3401	2.284	ug/L #	97
51) Chlorobenzene	8.93	112	8631	2.321	ug/L	99
52) Ethylbenzene	9.06	91	15175	2.244	ug/L	95
53) m,p-Xylene	9.19	106	5607	2.269	ug/L	90
54) o-xylene	9.59	106	5469	2.216	ug/L	96
55) Styrene	9.61	104	9098	2.188	ug/L	99
56) Isopropylbenzene	9.98	105	13844	2.144	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	6406	2.577	ug/L #	97
59) 1,2,3-Trichloropropane	10.32	75	4485	2.229	ug/L	94
61) Bromoform	9.78	173	2072	2.140	ug/L #	92
62) 1,3-Dichlorobenzene	11.23	146	5942	2.343	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	5978	2.351	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	6319	2.443	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1018	1.914	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	3129	1.889	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	2116	1.579	ug/L	95
69) Naphthalene	13.56	128	5796	1.338	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	2172	1.622	ug/L	96

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

