

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
 Data File : VV008402.D
 Acq On : 24 Oct 2018 19:24
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: Oct 25 09:21:01 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	192059	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44895	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.57	69	36722	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.13	63	63974	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.62%
21) 2-Butanone-d5	3.94	46	115096	99.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.59%
24) Chloroform-d	4.41	84	120238	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	5.09	65	83800	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.10	84	238137	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.12	67	83621	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.88%
41) Toluene-d8	7.36	98	213908	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.67	79	39676	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.14	63	90977	100.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.93%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113090	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	72269	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3156	2.301 ug/L	96
3) Chloromethane	1.25	50	3462	2.357 ug/L	99
5) Vinyl chloride	1.33	62	3260	2.395 ug/L #	68
6) Bromomethane	1.52	94	1015	2.718 ug/L	85
8) Chloroethane	1.59	64	1679	2.348 ug/L	90
9) Trichlorofluoromethane	1.77	101	4037	2.304 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2597	2.837 ug/L #	82
12) 1,1-Dichloroethene	2.14	96	2449	2.842 ug/L #	1
13) Acetone	2.19	43	4161	4.639 ug/L	98
14) Carbon disulfide	2.32	76	9120	2.350 ug/L	99
15) Methyl Acetate	2.46	43	5282	2.953 ug/L	92
16) Methylene chloride	2.54	84	3578	2.397 ug/L	98
17) trans-1,2-Dichloroethene	2.80	96	3034	2.310 ug/L	89
18) Methyl tert-butyl Ether	2.81	73	10902	2.319 ug/L	96
19) 1,1-Dichloroethane	3.23	63	6090	2.248 ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3443	2.301 ug/L	100
22) 2-Butanone	4.03	43	4655	3.592 ug/L #	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	1476	2.091	ug/L	92
25) Chloroform	4.43	83	6740	2.548	ug/L	93
27) 1,2-Dichloroethane	5.19	62	5337	2.416	ug/L	99
29) Cyclohexane	4.73	56	5985	2.355	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	5086	2.247	ug/L	97
31) Carbon tetrachloride	4.89	117	4417	2.300	ug/L	100
33) Benzene	5.15	78	13083	2.293	ug/L	100
34) Trichloroethene	5.96	95	3502	2.398	ug/L	96
35) Methylcyclohexane	6.18	83	5481	2.207	ug/L	96
37) 1,2-Dichloropropane	6.23	63	3700	2.348	ug/L #	89
38) Bromodichloromethane	6.56	83	4426	2.204	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	5360	2.164	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	10222	4.381	ug/L	95
42) Toluene	7.44	91	13820	2.332	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	4979	2.149	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	3189	2.289	ug/L	96
46) Tetrachloroethene	8.02	164	2198	2.308	ug/L	92
48) 2-Hexanone	8.19	43	8096	4.497	ug/L	93
49) Dibromochloromethane	8.29	129	3224	2.154	ug/L	98
50) 1,2-Dibromoethane	8.40	107	3369	2.305	ug/L #	99
51) Chlorobenzene	8.93	112	8512	2.333	ug/L	98
52) Ethylbenzene	9.06	91	15086	2.273	ug/L	99
53) m,p-Xylene	9.18	106	5667	2.337	ug/L	90
54) o-xylene	9.59	106	5247	2.167	ug/L	86
55) Styrene	9.61	104	8949	2.193	ug/L	96
56) Isopropylbenzene	9.98	105	13524	2.134	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	6124	2.510	ug/L	91
59) 1,2,3-Trichloropropane	10.32	75	4463	2.260	ug/L	96
61) Bromoform	9.78	173	1898	2.050	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	5591	2.305	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	5702	2.345	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	6115	2.472	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1125	2.212	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.70	180	3123	1.971	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	1875	1.463	ug/L	97
69) Naphthalene	13.56	128	5257	1.268	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	1845	1.440	ug/L	97

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

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