

Data File : VV014538.D
Acq On : 07 Feb 2020 14:56
Operator : SY/MD
Sample : MDL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 08 00:54:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325793	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	163163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79692	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.66%
7) Chloroethane-d5	1.58	69	57155	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.13	63	98255	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	3.92	46	143246	98.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.57%
24) Chloroform-d	4.40	84	204384	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.08	65	133618	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.10	84	442880	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.11	67	135812	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.36	98	412335	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.66	79	72088	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.20%
47) 2-Hexanone-d5	8.13	63	119180	101.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.27%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	180728	50.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.62%
66) 1,2-Dichlorobenzene-d4	11.67	152	156848	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6954	2.501 ug/L	100
3) Chloromethane	1.26	50	6707	2.382 ug/L	92
5) Vinyl chloride	1.32	62	5457	2.530 ug/L #	76
6) Bromomethane	1.54	94	2543	2.564 ug/L	76
8) Chloroethane	1.60	64	2354	2.197 ug/L	96
9) Trichlorofluoromethane	1.77	101	7255	2.497 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4387	3.145 ug/L #	83
12) 1,1-Dichloroethene	2.14	96	3996	2.995 ug/L #	1
13) Acetone	2.19	43	6540	5.375 ug/L	90
14) Carbon disulfide	2.32	76	15668	2.419 ug/L	96
15) Methyl Acetate	2.46	43	5294	2.263 ug/L	95
16) Methylene chloride	2.54	84	7285	2.875 ug/L	90
17) trans-1,2-Dichloroethene	2.79	96	5749	2.446 ug/L	97
18) Methyl tert-butyl Ether	2.80	73	18396	2.471 ug/L	96
19) 1,1-Dichloroethane	3.23	63	10173	2.420 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	6410	2.423 ug/L	90
22) 2-Butanone	4.04	43	7245	4.026 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	3031	2.420	ug/L	90
25) Chloroform	4.42	83	17338	4.056	ug/L	95
27) 1,2-Dichloroethane	5.19	62	7645	2.400	ug/L	98
29) Cyclohexane	4.72	56	9672	2.415	ug/L #	77
30) 1,1,1-Trichloroethane	4.66	97	9770	2.628	ug/L	99
31) Carbon tetrachloride	4.88	117	7964	2.428	ug/L	96
33) Benzene	5.15	78	24272	2.534	ug/L	100
34) Trichloroethene	5.96	95	6408	2.524	ug/L	85
35) Methylcyclohexane	6.17	83	9551	2.302	ug/L	93
37) 1,2-Dichloropropane	6.22	63	6684	2.740	ug/L #	91
38) Bromodichloromethane	6.56	83	7839	2.394	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	9801	2.408	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	14835	4.705	ug/L	98
42) Toluene	7.43	91	26613	2.591	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	8987m	2.463	ug/L	
45) 1,1,2-Trichloroethane	7.88	97	5930	2.534	ug/L	96
46) Tetrachloroethene	8.02	164	5181	2.675	ug/L	93
48) 2-Hexanone	8.18	43	12320	5.076	ug/L #	92
49) Dibromochloromethane	8.29	129	6556	2.481	ug/L	95
50) 1,2-Dibromoethane	8.39	107	6433	2.538	ug/L #	92
51) Chlorobenzene	8.92	112	17774	2.650	ug/L	96
52) Ethylbenzene	9.05	91	28819	2.502	ug/L	95
53) m,p-Xylene	9.18	106	11216	2.528	ug/L	99
54) o-Xylene	9.58	106	10532	2.480	ug/L	96
55) Styrene	9.60	104	17451	2.405	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	10697	2.916	ug/L #	98
59) Bromoform	9.77	173	4315	2.371	ug/L #	98
60) Isopropylbenzene	9.97	105	27847	2.524	ug/L	97
61) 1,2,3-Trichloropropane	10.31	75	7263	2.513	ug/L	96
62) 1,3,5-Trimethylbenzene	10.58	105	22547	2.387	ug/L	97
63) 1,2,4-Trimethylbenzene	10.95	105	21987	2.361	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	13310	2.557	ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	13834	2.582	ug/L	97
67) 1,2-Dichlorobenzene	11.68	146	13537	2.683	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1969	2.433	ug/L	92
69) 1,3,5-Trichlorobenzene	12.69	180	9048	2.468	ug/L	97
70) 1,2,4-trichlorobenzene	13.31	180	8714	2.588	ug/L	93
71) Naphthalene	13.55	128	26369	2.385	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	7990	2.443	ug/L	99

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

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