

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013502.D
 Acq On : 06 Nov 2019 17:10
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 10:49:54 AM

Quant Time: Nov 07 03:54:55 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Nov 07 01:53:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	902663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	881838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	397170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	243409	46.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.10%
7) Chloroethane-d5	1.58	69	209890	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.13	63	337330m	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	3.92	46	399244	102.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.15%
24) Chloroform-d	4.40	84	534137	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.08	65	377291	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
32) Benzene-d6	5.10	84	1152451	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	372959	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.78%
41) Toluene-d8	7.36	98	1037630	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.66	79	166447	47.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.94%
47) 2-Hexanone-d5	8.13	63	260578	94.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.15%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	443123	46.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	417833	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18085	2.407 ug/L	96
3) Chloromethane	1.25	50	18223	2.553 ug/L	99
5) Vinyl chloride	1.32	62	17460	2.618 ug/L #	56
6) Bromomethane	1.53	94	8052m	2.517 ug/L	
8) Chloroethane	1.60	64	9621	2.575 ug/L	95
9) Trichlorofluoromethane	1.77	101	20745	2.344 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14944	2.998 ug/L #	85
12) 1,1-Dichloroethene	2.14	96	13371m	2.810 ug/L	
13) Acetone	2.18	43	15812	4.335 ug/L	99
14) Carbon disulfide	2.32	76	40091	2.407 ug/L	97
15) Methyl Acetate	2.46	43	15572m	2.340 ug/L	
16) Methylene chloride	2.54	84	16987	2.638 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	14706	2.482 ug/L	94
18) Methyl tert-butyl Ether	2.80	73	41214	2.281 ug/L	99
19) 1,1-Dichloroethane	3.23	63	27665	2.449 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	16021m	2.476 ug/L	
22) 2-Butanone	4.02	43	17895m	3.704 ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013502.D
 Acq On : 06 Nov 2019 17:10
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 10:49:54 AM

Quant Time: Nov 07 03:54:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:53:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	7708	2.254	ug/L	95
25) Chloroform	4.42	83	57381	4.936	ug/L	99
27) 1,2-Dichloroethane	5.18	62	22872	2.568	ug/L	97
29) Cyclohexane	4.72	56	22544	2.225	ug/L #	92
30) 1,1,1-Trichloroethane	4.66	97	22851	2.328	ug/L	96
31) Carbon tetrachloride	4.87	117	19257m	2.200	ug/L	
33) Benzene	5.15	78	57370	2.291	ug/L	100
34) Trichloroethene	5.96	95	17143	2.576	ug/L	94
35) Methylcyclohexane	6.17	83	22537	2.197	ug/L	96
37) 1,2-Dichloropropane	6.22	63	15867	2.407	ug/L #	95
38) Bromodichloromethane	6.55	83	21030	2.426	ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	21386	2.136	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	34805	4.097	ug/L	95
42) Toluene	7.43	91	63885	2.448	ug/L	93
44) trans-1,3-Dichloropropene	7.69	75	22166m	2.544	ug/L	
45) 1,1,2-Trichloroethane	7.88	97	14515	2.352	ug/L	96
46) Tetrachloroethene	8.02	164	13299	2.342	ug/L	93
48) 2-Hexanone	8.18	43	47993	7.153	ug/L #	89
49) Dibromochloromethane	8.29	129	15987	2.253	ug/L	94
50) 1,2-Dibromoethane	8.39	107	14792	2.284	ug/L	92
51) Chlorobenzene	8.92	112	41038	2.366	ug/L	99
52) Ethylbenzene	9.05	91	58410	2.063	ug/L	96
53) m,p-Xylene	9.18	106	22926	2.134	ug/L	92
54) o-xylene	9.59	106	21063	2.044	ug/L	94
55) Styrene	9.60	104	32660	1.833	ug/L	96
56) Isopropylbenzene	9.97	105	51985	1.921	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	23278	2.498	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	19141	2.467	ug/L	99
61) Bromoform	9.77	173	11225	2.410	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	30702	2.551	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	30527	2.448	ug/L	94
65) 1,2-Dichlorobenzene	11.68	146	32666	2.710	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	4872	2.930	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	22927	2.438	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	18715m	2.272	ug/L	
69) Naphthalene	13.55	128	44515m	2.022	ug/L	
70) 1,2,3-Trichlorobenzene	13.79	180	19995m	2.285	ug/L	

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
Data File : VV013502.D
Acq On : 06 Nov 2019 17:10
Operator : SY/MD
Sample : MDL05
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations
APPROVED

MMDadoda
11/7/2019 10:49:54 AM

Quant Time: Nov 07 03:54:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

