

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023099.D
 Acq On : 29 Oct 2021 12:48
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

SAM
 11/1/2021 6:39:31 PM

Quant Time: Oct 30 00:41:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	270492	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	272385	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138585	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83808	44.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.920%
7) Chloroethane-d5	1.564	69	70881	48.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.500%
11) 1,1-Dichloroethene-d2	2.108	63	125211	35.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	3.876	46	141282	101.158	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.349	84	189314	48.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.031	65	118959	51.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
32) Benzene-d6	5.050	84	363082	48.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	6.069	67	116686	49.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	7.317	98	326386	47.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	7.622	79	54400	47.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	8.088	63	98876	95.840	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164174	47.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.580%
66) 1,2-Dichlorobenzene-d4	11.625	152	137119	51.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	5161	2.007	ug/L	100
3) Chloromethane	1.240	50	4530	1.868	ug/L	88
5) Vinyl chloride	1.310	62	5214	2.151	ug/L #	69
6) Bromomethane	1.519	94	2697	1.981	ug/L	96
8) Chloroethane	1.584	64	2994	2.029	ug/L	88
9) Trichlorofluoromethane	1.754	101	6838	1.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4639	2.376	ug/L	88
12) 1,1-Dichloroethene	2.117	96	4532	2.501	ug/L #	1
13) Acetone	2.166	43	6059	4.377	ug/L #	76
14) Carbon disulfide	2.294	76	10471	1.933	ug/L	99
15) Methyl Acetate	2.436	43	4765	2.074	ug/L	95
16) Methylene chloride	2.510	84	5168	2.227	ug/L	93
17) trans-1,2-Dichloroethene	2.764	96	3919	1.895	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	11035	1.777	ug/L #	87
19) 1,1-Dichloroethane	3.191	63	7277	1.889	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	4084	1.848	ug/L	97
22) 2-Butanone	3.995	43	5910m	3.746	ug/L	
23) Bromochloromethane	4.256	128	2473m	1.985	ug/L	
25) Chloroform	4.375	83	8922	2.252	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023099.D
 Acq On : 29 Oct 2021 12:48
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

SAM
 11/1/2021 6:39:31 PM

Quant Time: Oct 30 00:41:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	5729m	1.926	ug/L	
29) Cyclohexane	4.683	56	5450m	1.714	ug/L	
30) 1,1,1-Trichloroethane	4.616	97	6690	1.843	ug/L #	75
31) Carbon tetrachloride	4.831	117	5933	1.819	ug/L	99
33) Benzene	5.104	78	15310	1.804	ug/L	100
34) Trichloroethene	5.924	95	4207	1.897	ug/L	97
35) Methylcyclohexane	6.133	83	6581	1.905	ug/L	93
37) 1,2-Dichloropropane	6.178	63	4371	1.960	ug/L #	85
38) Bromodichloromethane	6.516	83	5323	1.764	ug/L #	94
39) cis-1,3-Dichloropropene	7.037	75	6054	1.790	ug/L	90
40) 4-Methyl-2-pentanone	7.233	43	9267	3.222	ug/L	98
42) Toluene	7.394	91	21864	2.408	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	6459m	1.970	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	3990	1.752	ug/L	89
46) Tetrachloroethene	7.982	164	3712	1.942	ug/L	95
48) 2-Hexanone	8.153	43	9969	4.365	ug/L #	92
49) Dibromochloromethane	8.249	129	4751	1.826	ug/L	95
50) 1,2-Dibromoethane	8.358	107	4096	1.708	ug/L #	94
51) Chlorobenzene	8.886	112	11007	1.794	ug/L	96
52) Ethylbenzene	9.018	91	16376	1.695	ug/L	95
53) m,p-Xylene	9.143	106	5894	1.582	ug/L	97
54) o-Xylene	9.548	106	5744	1.584	ug/L	99
55) Styrene	9.567	104	8962	1.422	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	7413	2.041	ug/L #	97
59) Bromoform	9.735	173	3144	1.794	ug/L #	95
60) Isopropylbenzene	9.934	105	14340	1.620	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	5236	2.016	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	11056	1.516	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	11353	1.551	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	7742	1.730	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	9164	1.966	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	8925	1.972	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	1396	1.926	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	6412	1.894	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	5602	1.909	ug/L	93
71) Naphthalene	13.506	128	14116	1.499	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	4934	1.591	ug/L	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102921\
Data File : VV023099.D
Acq On : 29 Oct 2021 12:48
Operator : SY/MD
Sample : MDL03
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations
APPROVED

SAM
11/1/2021 6:39:31 PM

Quant Time: Oct 30 00:41:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 30 00:25:16 2021
Response via : Initial Calibration

