

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029425.D
 Acq On : 07 Dec 2022 18:20
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	512564	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	464677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	241759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130602	41.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.220%
7) Chloroethane-d5	1.561	69	107671	44.987	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.980%
11) 1,1-Dichloroethene-d2	2.105	63	165712	33.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.700%
21) 2-Butanone-d5	3.867	46	207579	108.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.410%
24) Chloroform-d	4.339	84	265212	44.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.024	65	163329	48.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	5.043	84	580503	47.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	6.063	67	182848	48.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.500%
41) Toluene-d8	7.307	98	533000	46.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
43) trans-1,3-Dichloroprop...	7.612	79	89042	47.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.040%
47) 2-Hexanone-d5	8.082	63	173295	108.206	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.210%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	263739	49.211	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.420%
66) 1,2-Dichlorobenzene-d4	11.612	152	217420	47.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	8092	2.004	ug/L	96
3) Chloromethane	1.240	50	10844	2.356	ug/L	98
5) Vinyl chloride	1.307	62	8195	2.128	ug/L #	64
6) Bromomethane	1.516	94	4172	2.692	ug/L	100
8) Chloroethane	1.581	64	4759	2.219	ug/L	99
9) Trichlorofluoromethane	1.751	101	10186	2.113	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7161	2.673	ug/L #	80
12) 1,1-Dichloroethene	2.114	96	7164	2.615	ug/L #	1
13) Acetone	2.156	43	6098	4.889	ug/L	96
14) Carbon disulfide	2.291	76	19725	2.163	ug/L	100
15) Methyl Acetate	2.429	43	6631	2.333	ug/L #	69
16) Methylene chloride	2.500	84	9801	2.877	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	6696	2.121	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	20656	2.136	ug/L	98
19) 1,1-Dichloroethane	3.188	63	11659	2.156	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	7483	2.156	ug/L	88
22) 2-Butanone	3.982	43	10261m	5.170	ug/L	
23) Bromochloromethane	4.243	128	3715	2.078	ug/L	93
25) Chloroform	4.368	83	12880	2.297	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	8945m	2.258	ug/L	
29) Cyclohexane	4.670	56	10769	2.139	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	10592	2.092	ug/L	99
31) Carbon tetrachloride	4.818	117	8970	2.029	ug/L	98
33) Benzene	5.095	78	26815	2.047	ug/L	100
34) Trichloroethene	5.912	95	7059	2.151	ug/L	93
35) Methylcyclohexane	6.127	83	12411	2.226	ug/L	94
37) 1,2-Dichloropropane	6.169	63	6358	2.011	ug/L #	85
38) Bromodichloromethane	6.506	83	8992	2.060	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	11265m	2.167	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	17226	4.570	ug/L	98
42) Toluene	7.384	91	29337	2.081	ug/L	92
44) trans-1,3-Dichloropropene	7.648	75	10505	2.134	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	7213	2.209	ug/L	94
46) Tetrachloroethene	7.969	164	5649	2.141	ug/L	98
48) 2-Hexanone	8.140	43	17288m	6.003	ug/L	
49) Dibromochloromethane	8.239	129	7884	2.186	ug/L	91
50) 1,2-Dibromoethane	8.349	107	7145	2.123	ug/L	94
51) Chlorobenzene	8.876	112	19143	2.144	ug/L	97
52) Ethylbenzene	9.005	91	30783	2.077	ug/L	98
53) m,p-Xylene	9.130	106	12011	2.047	ug/L	92
54) o-Xylene	9.535	106	12130	2.090	ug/L	96
55) Styrene	9.555	104	19613	1.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	11915	2.281	ug/L	97
59) Bromoform	9.722	173	5681	2.127	ug/L	95
60) Isopropylbenzene	9.921	105	30773	2.168	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	9456	2.534	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	25460	2.029	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	25575	2.056	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	14570	2.099	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	16445	2.332	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	15638	2.203	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.416	75	2456	2.118	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	11578	2.096	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	10178	2.072	ug/L	98
71) Naphthalene	13.496	128	25209m	2.263	ug/L	
72) 1,2,3-Trichlorobenzene	13.731	180	10302	2.142	ug/L	99

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

