

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029468.D
 Acq On : 08 Dec 2022 13:28
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:00:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	508931	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	472939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250653	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106007	34.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.020%		
7) Chloroethane-d5	1.561	69	94825	39.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.800%		
11) 1,1-Dichloroethene-d2	2.105	63	149010	30.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.320%		
21) 2-Butanone-d5	3.870	46	205893	108.300	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.300%		
24) Chloroform-d	4.339	84	253359	43.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
26) 1,2-Dichloroethane-d4	5.024	65	154916	46.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
32) Benzene-d6	5.044	84	537961	43.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.100%		
36) 1,2-Dichloropropane-d6	6.063	67	174109	45.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.220%		
41) Toluene-d8	7.307	98	490742	41.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.360%		
43) trans-1,3-Dichloroprop...	7.616	79	81939	42.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.020%		
47) 2-Hexanone-d5	8.082	63	170457	104.574	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.570%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	258452	47.382	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.760%		
66) 1,2-Dichlorobenzene-d4	11.612	152	215021	45.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8840	2.205	ug/L	99
3) Chloromethane	1.240	50	9936	2.174	ug/L	97
5) Vinyl chloride	1.307	62	9200	2.406	ug/L #	75
6) Bromomethane	1.516	94	4641	3.016	ug/L	95
8) Chloroethane	1.581	64	5325	2.501	ug/L	94
9) Trichlorofluoromethane	1.751	101	11814	2.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	8307	3.123	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	7813	2.872	ug/L #	1
13) Acetone	2.159	43	8476	6.844	ug/L	97
14) Carbon disulfide	2.291	76	20865	2.305	ug/L	100
15) Methyl Acetate	2.429	43	7215	2.557	ug/L #	87
16) Methylene chloride	2.503	84	10140	2.998	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	7276	2.321	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	23341	2.430	ug/L	99
19) 1,1-Dichloroethane	3.188	63	13198	2.458	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	8285	2.404	ug/L	86
22) 2-Butanone	3.986	43	12418m	6.301	ug/L	
23) Bromochloromethane	4.249	128	3999	2.253	ug/L	91
25) Chloroform	4.372	83	15022	2.698	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	10134	2.577	ug/L	94
29) Cyclohexane	4.671	56	12034	2.349	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	12120	2.352	ug/L	97
31) Carbon tetrachloride	4.818	117	10748	2.389	ug/L	92
33) Benzene	5.095	78	31321	2.350	ug/L	100
34) Trichloroethene	5.908	95	7856	2.352	ug/L	95
35) Methylcyclohexane	6.124	83	14132	2.491	ug/L	97
37) 1,2-Dichloropropane	6.169	63	8021	2.493	ug/L	99
38) Bromodichloromethane	6.506	83	10021	2.256	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	11842	2.238	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	19399	5.057	ug/L	99
42) Toluene	7.384	91	34005	2.370	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	14125	2.819	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	8367	2.517	ug/L	97
46) Tetrachloroethene	7.966	164	6502	2.421	ug/L	87
48) 2-Hexanone	8.143	43	18556	6.331	ug/L	91
49) Dibromochloromethane	8.240	129	8274	2.255	ug/L	97
50) 1,2-Dibromoethane	8.346	107	8271	2.415	ug/L #	97
51) Chlorobenzene	8.876	112	22698	2.498	ug/L	99
52) Ethylbenzene	9.005	91	35166	2.331	ug/L	99
53) m,p-Xylene	9.133	106	13996	2.344	ug/L	98
54) o-Xylene	9.535	106	13212	2.237	ug/L	94
55) Styrene	9.558	104	22211	2.164	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.230	83	13886	2.611	ug/L #	94
59) Bromoform	9.722	173	5981	2.160	ug/L	99
60) Isopropylbenzene	9.924	105	33432	2.272	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	10664	2.756	ug/L	95
62) 1,3,5-Trimethylbenzene	10.529	105	28429	2.185	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	27763	2.152	ug/L	96
64) 1,3-Dichlorobenzene	11.175	146	17875	2.484	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	18533	2.534	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	19060	2.590	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.416	75	3084	2.565	ug/L	83
69) 1,3,5-Trichlorobenzene	12.632	180	13954	2.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	12145	2.385	ug/L	98
71) Naphthalene	13.497	128	27276	2.362	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	11813	2.369	ug/L	99

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

