

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030820.D
 Acq On : 25 Apr 2023 02:42
 Operator : SY/MD
 Sample : 02418-10MSME
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 05:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	285072	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	277248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	170639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	120493	57.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.320%
7) Chloroethane-d5	1.529	69	128509	73.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	146.760%#
11) 1,1-Dichloroethene-d2	2.050	65	62265	62.827	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	125.660%#
21) 2-Butanone-d5	3.812	46	165394	144.091	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.090%#
24) Chloroform-d	4.259	84	269679	71.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.420%#
26) 1,2-Dichloroethane-d4	4.950	65	181125	74.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.780%#
32) Benzene-d6	4.963	84	500082	76.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.580%#
36) 1,2-Dichloropropane-d6	5.995	67	147636	72.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	145.020%#
41) Toluene-d8	7.249	98	481900	78.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	156.600%#
43) trans-1,3-Dichloroprop...	7.561	79	81534	79.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	158.900%#
47) 2-Hexanone-d5	8.066	63	114788m	143.107	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	143.110%#
56) 1,1,2,2-Tetrachloroeth...	10.169	84	221827	75.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	150.160%#
66) 1,2-Dichlorobenzene-d4	11.574	152	211030	77.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	155.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	146036	59.583	ug/L	100
3) Chloromethane	1.217	50	221722	68.963	ug/L	99
5) Vinyl chloride	1.285	62	153607	59.260	ug/L	100
6) Bromomethane	1.487	94	90680	88.224	ug/L	97
8) Chloroethane	1.542	64	121788	68.502	ug/L	100
9) Trichlorofluoromethane	1.693	101	329538	78.441	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	154679	70.059	ug/L	99
12) 1,1-Dichloroethene	2.060	96	129461	64.856	ug/L	97
13) Acetone	2.134	43	146135	82.275	ug/L	98
14) Carbon disulfide	2.230	76	328746	58.308	ug/L	99
15) Methyl Acetate	2.381	43	156450	66.005	ug/L	99
16) Methylene chloride	2.449	84	143840	62.970	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	135371	67.178	ug/L	99
18) Methyl tert-butyl Ether	2.716	73	505517	78.320	ug/L	98
19) 1,1-Dichloroethane	3.111	63	273846	66.653	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	152045	69.362	ug/L	98
22) 2-Butanone	3.892	43	204965	111.666	ug/L	99
23) Bromochloromethane	4.156	128	76062	62.127	ug/L	98
25) Chloroform	4.285	83	293124	68.931	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	256684	71.307	ug/L	99
29) Cyclohexane	4.584	56	240803	72.376	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	277421	71.211	ug/L	99
31) Carbon tetrachloride	4.738	117	243128	69.803	ug/L	99
33) Benzene	5.014	78	597311	70.947	ug/L	100
34) Trichloroethene	5.838	95	151807	69.321	ug/L	98
35) Methylcyclohexane	6.056	83	253931	74.002	ug/L	98
37) 1,2-Dichloropropane	6.101	63	157499	69.504	ug/L	100
38) Bromodichloromethane	6.442	83	218113	68.519	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	251183	73.854	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	306515	96.832	ug/L	99
42) Toluene	7.323	91	657529	72.915	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	251173	75.169	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	158387	69.704	ug/L	98
46) Tetrachloroethene	7.911	164	137043	71.494	ug/L	99
48) 2-Hexanone	8.117	43	354752m	135.824	ug/L	
49) Dibromochloromethane	8.188	129	176898	70.579	ug/L	96
50) 1,2-Dibromoethane	8.291	107	163195	69.315	ug/L	100
51) Chlorobenzene	8.821	112	430267	72.044	ug/L	98
52) Ethylbenzene	8.953	91	748345	74.961	ug/L	99
53) m,p-Xylene	9.082	106	288844	76.598	ug/L	99
54) o-Xylene	9.487	106	282883	76.682	ug/L	99
55) Styrene	9.506	104	505627	78.028	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.194	83	256306	68.702	ug/L	100
59) Bromoform	9.683	173	145057	67.898	ug/L	98
60) Isopropylbenzene	9.876	105	797332	74.923	ug/L	100
61) 1,2,3-Trichloropropane	10.223	75	196881	64.419	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	674717	77.005	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	676968	77.381	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	393047	73.770	ug/L	100
65) 1,4-Dichlorobenzene	11.220	146	404704	72.033	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	389078	72.386	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	55945	61.785	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	301785	74.981	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	266159	77.886	ug/L	99
71) Naphthalene	13.448	128	693948	74.235	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	259744	76.653	ug/L	99

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

