

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022542.D
 Acq On : 03 Oct 2021 04:22
 Operator : SY/MD
 Sample : M3974-05MEMSD
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMSD

Manual Integrations
 APPROVED

Quant Time: Oct 04 04:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

MMDadoda
 10/6/2021 2:30:22 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	328644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	310904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	162595	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73650	36.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.565	69	50007m	31.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.600%#
11) 1,1-Dichloroethene-d2	2.092	63	141239	35.242	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.480%
21) 2-Butanone-d5	3.934	46	105148m	93.983	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	4.349	84	157647	42.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
26) 1,2-Dichloroethane-d4	5.034	65	94154	43.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
32) Benzene-d6	5.047	84	314547	43.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
36) 1,2-Dichloropropane-d6	6.069	67	95511	43.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	7.317	98	293252	44.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.780%
43) trans-1,3-Dichloroprop...	7.625	79	46326	44.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
47) 2-Hexanone-d5	8.111	63	84459	91.950	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.950%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	130746	42.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	117834	44.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	149083m	45.359	ug/L	
3) Chloromethane	1.237	50	141418	43.269	ug/L	100
5) Vinyl chloride	1.307	62	138599	44.738	ug/L	99
6) Bromomethane	1.520	94	72415	33.478	ug/L	99
8) Chloroethane	1.581	64	66153m	35.012	ug/L	
9) Trichlorofluoromethane	1.741	101	168544	39.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	80761	33.529	ug/L	97
12) 1,1-Dichloroethene	2.098	96	82889	36.106	ug/L	94
13) Acetone	2.188	43	92097m	65.165	ug/L	
14) Carbon disulfide	2.275	76	264569	38.151	ug/L	99
15) Methyl Acetate	2.436	43	125915	48.839	ug/L	97
16) Methylene chloride	2.497	84	127966	44.366	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	118370	46.971	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	382918	49.216	ug/L	98
19) 1,1-Dichloroethane	3.182	63	204379	45.835	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	125853	46.877	ug/L	97
22) 2-Butanone	3.999	43	143591	77.163	ug/L #	57
23) Bromochloromethane	4.246	128	67965	46.079	ug/L	93
25) Chloroform	4.375	83	209639	46.721	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152859	47.046	ug/L	98
29) Cyclohexane	4.671	56	181191	49.999	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	186747	48.084	ug/L	99
31) Carbon tetrachloride	4.822	117	162475	47.620	ug/L	98
33) Benzene	5.095	78	456338	47.537	ug/L	100
34) Trichloroethene	5.912	95	222083	88.604	ug/L	99
35) Methylcyclohexane	6.127	83	183294	48.228	ug/L	98
37) 1,2-Dichloropropane	6.175	63	114193	46.461	ug/L	100
38) Bromodichloromethane	6.513	83	148124	46.396	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	175139	47.381	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	328821	95.214	ug/L	96
42) Toluene	7.387	91	487479	48.207	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	164071	46.102	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	118102	46.419	ug/L	98
46) Tetrachloroethene	7.976	164	97902	46.657	ug/L	98
48) 2-Hexanone	8.156	43	243151	92.056	ug/L #	94
49) Dibromochloromethane	8.249	129	130536	47.411	ug/L	99
50) 1,2-Dibromoethane	8.355	107	127728	46.628	ug/L	97
51) Chlorobenzene	8.886	112	321120	47.742	ug/L	99
52) Ethylbenzene	9.014	91	524266	49.814	ug/L	100
53) m,p-Xylene	9.140	106	206069	49.420	ug/L	100
54) o-Xylene	9.548	106	203223	50.024	ug/L	99
55) Styrene	9.567	104	347640	49.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	176743	44.946	ug/L	98
59) Bromoform	9.738	173	94885	47.195	ug/L	99
60) Isopropylbenzene	9.934	105	533197	51.542	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	142028	45.931	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	459486	52.753	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	456410	52.710	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	255857	48.750	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	254131	46.624	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	256898	47.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	38233	45.128	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	185724	47.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	166997	47.622	ug/L	98
71) Naphthalene	13.503	128	565677	48.989	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	170544	47.054	ug/L	99

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

