

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022541.D
 Acq On : 03 Oct 2021 03:58
 Operator : SY/MD
 Sample : M3974-04MEMS
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMS

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:30:18 PM

Quant Time: Oct 04 04:32:08 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	314874	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	296035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	157973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73367	37.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.340%
7) Chloroethane-d5	1.564	69	50455m	32.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.920%#
11) 1,1-Dichloroethene-d2	2.092	63	136146	35.457	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	3.924	46	99659	92.972	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.970%
24) Chloroform-d	4.349	84	153697	43.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	91655	44.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
32) Benzene-d6	5.047	84	304378	44.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	6.069	67	92924	44.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.317	98	287004	45.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	7.625	79	44631	44.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.104	63	81956	93.706	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.710%
56) 1,1,2,2-Tetrachloroeth...	10.226	84	126389	43.051	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.100%
66) 1,2-Dichlorobenzene-d4	11.628	152	115273	44.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	148272m	47.085	ug/L	
3) Chloromethane	1.236	50	139908	44.679	ug/L	99
5) Vinyl chloride	1.307	62	137130	46.200	ug/L	100
6) Bromomethane	1.519	94	69411	33.493	ug/L	99
8) Chloroethane	1.581	64	65757m	36.325	ug/L	
9) Trichlorofluoromethane	1.741	101	171042	41.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	80207	34.756	ug/L	98
12) 1,1-Dichloroethene	2.098	96	78608	35.739	ug/L	95
13) Acetone	2.191	43	92474m	68.293	ug/L	
14) Carbon disulfide	2.272	76	267911	40.323	ug/L	99
15) Methyl Acetate	2.436	43	128680	52.094	ug/L #	89
16) Methylene chloride	2.497	84	127940	46.297	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	115498	47.836	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	373011	50.040	ug/L	100
19) 1,1-Dichloroethane	3.179	63	199746	46.755	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	123949	48.187	ug/L	98
22) 2-Butanone	4.002	43	151309m	84.866	ug/L	
23) Bromochloromethane	4.246	128	65410	46.286	ug/L	94
25) Chloroform	4.375	83	206589	48.055	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	151675	48.723	ug/L	99
29) Cyclohexane	4.667	56	179609	52.052	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	182097	49.242	ug/L	99
31) Carbon tetrachloride	4.822	117	157690	48.539	ug/L	99
33) Benzene	5.095	78	447959	49.008	ug/L	100
34) Trichloroethene	5.912	95	215839	90.438	ug/L	99
35) Methylcyclohexane	6.127	83	183265	50.643	ug/L	97
37) 1,2-Dichloropropane	6.175	63	111440	47.618	ug/L	100
38) Bromodichloromethane	6.513	83	143670	47.261	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	169785	48.240	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	322139	97.964	ug/L	96
42) Toluene	7.387	91	481338	49.990	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	162087	47.832	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	114665	47.332	ug/L	98
46) Tetrachloroethene	7.976	164	97845	48.972	ug/L	98
48) 2-Hexanone	8.156	43	242960	96.604	ug/L	96
49) Dibromochloromethane	8.249	129	125874	48.014	ug/L	99
50) 1,2-Dibromoethane	8.355	107	127095	48.727	ug/L	99
51) Chlorobenzene	8.882	112	317281	49.541	ug/L	99
52) Ethylbenzene	9.014	91	516199	51.511	ug/L	100
53) m,p-Xylene	9.140	106	205598	51.784	ug/L	100
54) o-Xylene	9.548	106	200324	51.788	ug/L	99
55) Styrene	9.564	104	346768	52.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	175092	46.763	ug/L	99
59) Bromoform	9.738	173	91361	46.771	ug/L	99
60) Isopropylbenzene	9.934	105	530385	52.770	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	140652	46.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	450885	53.280	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	452092	53.738	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	251899	49.400	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	250168	47.239	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	253630	48.672	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	36539	44.391	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	184864	48.792	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	168614	49.490	ug/L	98
71) Naphthalene	13.503	128	554578	49.433	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	170420	48.396	ug/L	98

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

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