

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025009.D
 Acq On : 28 Oct 2021 16:16
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 12:59:03 PM

Quant Time: Oct 29 07:19:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	149190	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	139542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	47339	49.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.560%
7) Chloroethane-d5	1.672	69	35240	54.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.420%
11) 1,1-Dichloroethene-d2	2.306	63	92448	39.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.900%
21) 2-Butanone-d5	4.464	46	104286	109.786	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.790%
24) Chloroform-d	5.068	84	131901	53.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.020%
26) 1,2-Dichloroethane-d4	5.964	65	99854	54.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.440%
32) Benzene-d6	5.982	84	203328	51.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.680%
36) 1,2-Dichloropropane-d6	7.311	67	70610	52.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.620%
41) Toluene-d8	8.653	98	189025	49.885	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	8.951	79	37890	48.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.700%
47) 2-Hexanone-d5	9.390	63	71772m	104.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93381	51.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	61200	51.570	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3665	2.617	ug/L	91
3) Chloromethane	1.288	50	2324	2.387	ug/L	95
5) Vinyl chloride	1.373	62	2629	2.400	ug/L	# 64
6) Bromomethane	1.617	94	1771	2.513	ug/L	79
8) Chloroethane	1.690	64	1752	3.165	ug/L	90
9) Trichlorofluoromethane	1.892	101	5561	2.287	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	3434	3.113	ug/L	# 82
12) 1,1-Dichloroethene	2.324	96	2972	3.203	ug/L	# 1
13) Acetone	2.398	43	4299	4.761	ug/L	92
14) Carbon disulfide	2.513	76	6020	2.393	ug/L	# 93
15) Methyl Acetate	2.708	43	3432	2.629	ug/L	# 83
16) Methylene chloride	2.800	84	2894	2.754	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	2323	2.445	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	9542	2.432	ug/L	# 70
19) 1,1-Dichloroethane	3.617	63	5078	2.300	ug/L	# 92
20) cis-1,2-Dichloroethene	4.495	96	2913m	2.714	ug/L	
22) 2-Butanone	4.580	43	5393m	4.852	ug/L	
23) Bromochloromethane	4.928	128	1370m	2.555	ug/L	
25) Chloroform	5.104	83	7131m	2.902	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	5882m	2.708	ug/L	
29) Cyclohexane	5.470	56	4530m	2.394	ug/L	
30) 1,1,1-Trichloroethane	5.397	97	5258	2.178	ug/L #	70
31) Carbon tetrachloride	5.677	117	4527	2.214	ug/L #	51
33) Benzene	6.043	78	10280	2.379	ug/L	100
34) Trichloroethene	7.128	95	3328	2.553	ug/L	88
35) Methylcyclohexane	7.384	83	4352	2.314	ug/L	90
37) 1,2-Dichloropropane	7.439	63	2982	2.426	ug/L #	94
38) Bromodichloromethane	7.830	83	3544	1.887	ug/L	90
39) cis-1,3-Dichloropropene	8.372	75	4141	2.073	ug/L	90
40) 4-Methyl-2-pentanone	8.579	43	8607	4.509	ug/L #	83
42) Toluene	8.720	91	13229	2.798	ug/L	88
44) trans-1,3-Dichloropropene	8.982	75	4853	2.360	ug/L	93
45) 1,1,2-Trichloroethane	9.152	97	2709	2.354	ug/L	87
46) Tetrachloroethene	9.280	164	1769	2.174	ug/L	84
48) 2-Hexanone	9.439	43	7263	4.604	ug/L #	87
49) Dibromochloromethane	9.524	129	2749	2.122	ug/L	88
50) 1,2-Dibromoethane	9.616	107	2984	2.351	ug/L #	92
51) Chlorobenzene	10.085	112	6381	2.257	ug/L #	79
52) Ethylbenzene	10.195	91	12232	2.242	ug/L	97
53) m,p-Xylene	10.305	106	4092	2.181	ug/L	60
54) o-Xylene	10.646	106	4122	2.247	ug/L	93
55) Styrene	10.658	104	6542	2.109	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	4339	2.343	ug/L	94
59) Bromoform	10.805	173	1721	2.285	ug/L #	94
60) Isopropylbenzene	10.963	105	11247	2.413	ug/L #	96
61) 1,2,3-Trichloropropane	11.244	75	4066	2.729	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	9234	2.287	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	9545	2.358	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	4781	2.635	ug/L	85
65) 1,4-Dichlorobenzene	12.048	146	4761	2.538	ug/L	83
67) 1,2-Dichlorobenzene	12.341	146	4645	2.507	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.951	75	1170	2.408	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.109	180	2882m	2.212	ug/L	
70) 1,2,4-trichlorobenzene	13.591	180	2311	2.092	ug/L	91
71) Naphthalene	13.780	128	6488	1.699	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2373	2.089	ug/L	97

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

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