

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025021.D
 Acq On : 29 Oct 2021 13:37
 Operator : JC/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 11/2/2021 2:32:42 PM

Quant Time: Oct 30 01:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	166991	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	147943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40944	38.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.920%		
7) Chloroethane-d5	1.666	69	32700	44.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	2.307	63	84550	32.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.460%		
21) 2-Butanone-d5	4.465	46	101411	95.379	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.380%		
24) Chloroform-d	5.068	84	125783	45.160	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.320%		
26) 1,2-Dichloroethane-d4	5.964	65	93380	45.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.440%		
32) Benzene-d6	5.983	84	197804	47.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.220%		
36) 1,2-Dichloropropane-d6	7.312	67	68640	47.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.940%		
41) Toluene-d8	8.653	98	186401	46.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
43) trans-1,3-Dichloroprop...	8.952	79	38331	46.610	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.220%		
47) 2-Hexanone-d5	9.384	63	72536m	99.555	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.560%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96257	49.743	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.480%		
66) 1,2-Dichlorobenzene-d4	12.323	152	64497	49.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3157	2.014	ug/L	92
3) Chloromethane	1.288	50	2034	1.866	ug/L	83
5) Vinyl chloride	1.374	62	2556	2.084	ug/L #	67
6) Bromomethane	1.611	94	1551	1.966	ug/L	94
8) Chloroethane	1.697	64	1370m	2.211	ug/L	
9) Trichlorofluoromethane	1.892	101	5032	1.849	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2974	2.409	ug/L #	83
12) 1,1-Dichloroethene	2.319	96	2801	2.697	ug/L #	1
13) Acetone	2.386	43	3292	3.257	ug/L	91
14) Carbon disulfide	2.514	76	5895	2.094	ug/L #	93
15) Methyl Acetate	2.709	43	3244m	2.220	ug/L	
16) Methylene chloride	2.788	84	3183	2.706	ug/L	83
17) trans-1,2-Dichloroethene	3.099	96	2357	2.216	ug/L #	60
18) Methyl tert-butyl Ether	3.117	73	8424	1.918	ug/L #	91
19) 1,1-Dichloroethane	3.617	63	4724m	1.911	ug/L	
20) cis-1,2-Dichloroethene	4.501	96	2602m	2.165	ug/L	
22) 2-Butanone	4.574	43	4179	3.359	ug/L #	51
23) Bromochloromethane	4.910	128	1407m	2.344	ug/L	
27) 1,2-Dichloroethane	6.086	62	5146	2.116	ug/L #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.471	56	4089	2.039	ug/L #	50
30) 1,1,1-Trichloroethane	5.385	97	4836	1.890	ug/L #	64
31) Carbon tetrachloride	5.684	117	3683	1.699	ug/L	83
33) Benzene	6.044	78	9268	2.023	ug/L	100
34) Trichloroethene	7.129	95	2342	1.695	ug/L	92
35) Methylcyclohexane	7.385	83	3636	1.823	ug/L #	83
37) 1,2-Dichloropropane	7.434	63	3020m	2.318	ug/L	
38) Bromodichloromethane	7.830	83	3989	2.004	ug/L #	95
39) cis-1,3-Dichloropropene	8.372	75	4122	1.946	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	7800	3.854	ug/L #	75
42) Toluene	8.726	91	12689	2.532	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	4474m	2.052	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	2613	2.142	ug/L	94
46) Tetrachloroethene	9.281	164	1881	2.181	ug/L #	72
48) 2-Hexanone	9.433	43	6292	3.762	ug/L #	92
49) Dibromochloromethane	9.525	129	2542	1.851	ug/L	84
50) 1,2-Dibromoethane	9.610	107	3133	2.328	ug/L #	84
51) Chlorobenzene	10.086	112	6136	2.047	ug/L #	93
52) Ethylbenzene	10.195	91	11165	1.930	ug/L	91
53) m,p-Xylene	10.305	106	3849	1.935	ug/L	93
54) o-Xylene	10.646	106	3415	1.756	ug/L	63
55) Styrene	10.659	104	6358	1.933	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	4860	2.476	ug/L #	76
59) Bromoform	10.805	173	1729	2.084	ug/L #	94
60) Isopropylbenzene	10.963	105	9168	1.785	ug/L #	92
61) 1,2,3-Trichloropropane	11.244	75	3513	2.141	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	8275	1.861	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	8414	1.887	ug/L	97
64) 1,3-Dichlorobenzene	11.976	146	4206	2.105	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	4312	2.086	ug/L	91
67) 1,2-Dichlorobenzene	12.341	146	4408	2.159	ug/L #	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	1083	2.024	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.116	180	2746	1.913	ug/L	91
70) 1,2,4-trichlorobenzene	13.591	180	2747	2.258	ug/L #	84
71) Naphthalene	13.780	128	5979	1.421	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.963	180	2250	1.798	ug/L	96

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

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