

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025023.D
 Acq On : 29 Oct 2021 17:06
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda

11/2/2021 2:32:53 PM

Quant Time: Oct 30 01:51:57 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	165675	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.061	117	148427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31887	30.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.380%
7) Chloroethane-d5	1.666	69	25420	35.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.420%
11) 1,1-Dichloroethene-d2	2.307	63	67372	25.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.780%#
21) 2-Butanone-d5	4.465	46	93115	88.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.270%
24) Chloroform-d	5.062	84	112043	40.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.100%
26) 1,2-Dichloroethane-d4	5.964	65	82096	40.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.020%
32) Benzene-d6	5.983	84	166237	39.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
36) 1,2-Dichloropropane-d6	7.312	67	57982	40.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.780%
41) Toluene-d8	8.653	98	154360	38.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.600%#
43) trans-1,3-Dichloroprop...	8.952	79	33260	40.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.620%
47) 2-Hexanone-d5	9.385	63	67971	92.986	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.990%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88274	45.469	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	56253	42.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3008	1.934	ug/L	95
3) Chloromethane	1.288	50	1885	1.743	ug/L	92
5) Vinyl chloride	1.368	62	2344	1.927	ug/L #	67
6) Bromomethane	1.612	94	1565	1.999	ug/L	82
8) Chloroethane	1.685	64	1451	2.360	ug/L	89
9) Trichlorofluoromethane	1.886	101	5521	2.044	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2992	2.442	ug/L #	82
12) 1,1-Dichloroethene	2.319	96	2809	2.726	ug/L #	1
13) Acetone	2.386	43	4518	4.506	ug/L	82
14) Carbon disulfide	2.514	76	5811	2.080	ug/L #	91
15) Methyl Acetate	2.703	43	3014	2.079	ug/L #	82
16) Methylene chloride	2.794	84	2959	2.536	ug/L #	52
17) trans-1,2-Dichloroethene	3.105	96	2422m	2.295	ug/L	
18) Methyl tert-butyl Ether	3.117	73	9944	2.282	ug/L #	89
19) 1,1-Dichloroethane	3.611	63	5207	2.124	ug/L #	90
20) cis-1,2-Dichloroethene	4.501	96	2952	2.476	ug/L #	86
22) 2-Butanone	4.574	43	5038	4.082	ug/L	71
23) Bromochloromethane	4.904	128	1226	2.059	ug/L #	67
25) Chloroform	5.111	83	6861m	2.514	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	5211	2.160	ug/L #	80
29) Cyclohexane	5.477	56	4034m	2.005	ug/L	
30) 1,1,1-Trichloroethane	5.391	97	5369	2.091	ug/L #	50
31) Carbon tetrachloride	5.678	117	4762m	2.190	ug/L	
33) Benzene	6.044	78	10649m	2.317	ug/L	
34) Trichloroethene	7.123	95	3371	2.432	ug/L	86
35) Methylcyclohexane	7.385	83	4555	2.277	ug/L #	78
38) Bromodichloromethane	7.830	83	4449	2.227	ug/L	85
39) cis-1,3-Dichloropropene	8.373	75	4292	2.020	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	8534	4.203	ug/L #	82
42) Toluene	8.726	91	13310	2.647	ug/L	90
44) trans-1,3-Dichloropropene	8.982	75	4924	2.251	ug/L	88
45) 1,1,2-Trichloroethane	9.159	97	2760	2.255	ug/L	91
46) Tetrachloroethene	9.275	164	1777	2.053	ug/L	93
48) 2-Hexanone	9.433	43	6964	4.150	ug/L #	88
49) Dibromochloromethane	9.525	129	3067	2.226	ug/L	89
50) 1,2-Dibromoethane	9.616	107	3090	2.288	ug/L #	82
51) Chlorobenzene	10.079	112	7216	2.400	ug/L	89
52) Ethylbenzene	10.201	91	12602	2.172	ug/L	97
53) m,p-Xylene	10.305	106	4208	2.108	ug/L	75
54) o-Xylene	10.646	106	3910	2.004	ug/L	95
55) Styrene	10.659	104	6601	2.000	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	5402	2.743	ug/L #	89
59) Bromoform	10.805	173	1707	2.020	ug/L #	80
60) Isopropylbenzene	10.970	105	10762	2.058	ug/L #	95
61) 1,2,3-Trichloropropane	11.238	75	4099	2.453	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	9810	2.166	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	9948	2.191	ug/L	98
64) 1,3-Dichlorobenzene	11.976	146	5009	2.461	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	4802	2.282	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	4890	2.352	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.945	75	1198	2.198	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	3157	2.160	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	2698	2.178	ug/L	90
71) Naphthalene	13.780	128	6935	1.618	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2654	2.083	ug/L	92

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

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