

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024850.D
 Acq On : 19 Oct 2021 15:56
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 10:46:37 AM

Quant Time: Oct 20 04:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 04:21:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	295113	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266827	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127882	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77127	42.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.42%		
7) Chloroethane-d5	1.666	69	58883	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.90%		
11) 1,1-Dichloroethene-d2	2.306	63	111706	31.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.28%		
21) 2-Butanone-d5	4.458	46	186988	124.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.48%		
24) Chloroform-d	5.062	84	164192m	44.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.74%		
26) 1,2-Dichloroethane-d4	5.964	65	112950	43.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.32%		
32) Benzene-d6	5.982	84	305928	40.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.40%		
36) 1,2-Dichloropropane-d6	7.311	67	106682	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.76%		
41) Toluene-d8	8.652	98	279340	38.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.28%#		
43) trans-1,3-Dichloroprop...	8.951	79	46691	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.16%		
47) 2-Hexanone-d5	9.384	63	115432	104.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.59%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	146801	45.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.68%		
66) 1,2-Dichlorobenzene-d4	12.323	152	111008	44.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3857	1.48	ug/L	95
3) Chloromethane	1.294	50	4500	2.11	ug/L	99
5) Vinyl chloride	1.373	62	4381	2.04	ug/L #	67
6) Bromomethane	1.611	94	2599	2.19	ug/L	94
8) Chloroethane	1.690	64	2544	2.27	ug/L	92
9) Trichlorofluoromethane	1.885	101	5598	1.85	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	4286	2.27	ug/L #	86
12) 1,1-Dichloroethene	2.324	96	3930	2.32	ug/L #	1
13) Acetone	2.379	43	6385	4.30	ug/L	89
14) Carbon disulfide	2.513	76	7133	1.46	ug/L	98
15) Methyl Acetate	2.702	43	4811	2.03	ug/L #	89
16) Methylene chloride	2.794	84	4134	2.03	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	3381	1.76	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	10526	1.67	ug/L #	91
19) 1,1-Dichloroethane	3.623	63	6210	1.73	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	3725	1.72	ug/L	83
22) 2-Butanone	4.568	43	7327	3.73	ug/L #	69
23) Bromochloromethane	4.903	128	1984	1.75	ug/L #	89
27) 1,2-Dichloroethane	6.098	62	5340	1.70	ug/L #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.476	56	5614	1.70	ug/L #	82
30) 1,1,1-Trichloroethane	5.391	97	5331	1.52	ug/L	91
31) Carbon tetrachloride	5.684	117	3912	1.27	ug/L #	55
33) Benzene	6.049	78	13516	1.64	ug/L	100
34) Trichloroethene	7.134	95	3839	1.69	ug/L	82
35) Methylcyclohexane	7.391	83	5441	1.51	ug/L #	55
37) 1,2-Dichloropropane	7.439	63	3829	1.76	ug/L #	86
38) Bromodichloromethane	7.829	83	3912	1.41	ug/L #	83
39) cis-1,3-Dichloropropene	8.366	75	5099	1.57	ug/L #	65
40) 4-Methyl-2-pentanone	8.573	43	12702	3.84	ug/L #	84
42) Toluene	8.720	91	17599	1.91	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	5632	1.77	ug/L	87
45) 1,1,2-Trichloroethane	9.152	97	3513	1.66	ug/L	93
46) Tetrachloroethene	9.280	164	2774	1.57	ug/L	96
48) 2-Hexanone	9.433	43	12219	4.53	ug/L #	86
49) Dibromochloromethane	9.524	129	2706	1.23	ug/L	84
50) 1,2-Dibromoethane	9.616	107	3611	1.58	ug/L #	98
51) Chlorobenzene	10.085	112	8655	1.56	ug/L	88
52) Ethylbenzene	10.195	91	14036	1.48	ug/L	98
53) m,p-Xylene	10.305	106	5088	1.37	ug/L	88
54) o-Xylene	10.646	106	5054	1.37	ug/L	96
55) Styrene	10.658	104	8176	1.32	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	5666	1.70	ug/L #	88
59) Bromoform	10.798	173	2017	1.39	ug/L #	89
60) Isopropylbenzene	10.963	105	12580	1.43	ug/L	97
61) 1,2,3-Trichloropropane	11.243	75	4649	1.77	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	10704	1.38	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	10955	1.45	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	5821	1.42	ug/L	97
65) 1,4-Dichlorobenzene	12.048	146	5996	1.46	ug/L	89
67) 1,2-Dichlorobenzene	12.341	146	6260	1.54	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.938	75	827m	1.17	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	4365	1.48	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	3528	1.41	ug/L	96
71) Naphthalene	13.780	128	8437	1.01	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	3202	1.24	ug/L	91

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

