

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110121\
 Data File : VX025034.D
 Acq On : 01 Nov 2021 15:29
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/02/2021
 Supervised By :Mahesh Dadoda 11/02/2021

Quant Time: Nov 02 03:49:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 03:29:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	171348	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	153361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29744	27.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	54.460%#		
7) Chloroethane-d5	1.673	69	24468	32.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.540%#		
11) 1,1-Dichloroethene-d2	2.307	63	66326	24.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.280%#		
21) 2-Butanone-d5	4.471	46	94836	86.927	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.930%		
24) Chloroform-d	5.062	84	116423	40.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.480%		
26) 1,2-Dichloroethane-d4	5.958	65	85630	40.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.720%		
32) Benzene-d6	5.977	84	175253	40.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.520%		
36) 1,2-Dichloropropane-d6	7.312	67	63594	42.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.740%		
41) Toluene-d8	8.653	98	167789m	40.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.580%		
43) trans-1,3-Dichloroprop...	8.952	79	34571	40.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.100%		
47) 2-Hexanone-d5	9.385	63	69174	91.587	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.590%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93889	46.805	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.600%		
66) 1,2-Dichlorobenzene-d4	12.323	152	62443	46.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	4205	2.615	ug/L	96
3) Chloromethane	1.288	50	2114	1.890	ug/L	84
5) Vinyl chloride	1.368	62	2346	1.865	ug/L #	78
6) Bromomethane	1.618	94	1622	2.004	ug/L	98
8) Chloroethane	1.685	64	1369	2.153	ug/L	91
9) Trichlorofluoromethane	1.886	101	5758	2.061	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3521	2.779	ug/L	89
12) 1,1-Dichloroethene	2.319	96	3132	2.939	ug/L #	1
13) Acetone	2.404	43	3074	2.964	ug/L	96
14) Carbon disulfide	2.514	76	5990	2.074	ug/L #	94
15) Methyl Acetate	2.709	43	3502	2.336	ug/L #	67
16) Methylene chloride	2.800	84	3461	2.868	ug/L #	88
17) trans-1,2-Dichloroethene	3.093	96	2236	2.049	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	10273	2.279	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	5099	2.011	ug/L	93
20) cis-1,2-Dichloroethene	4.495	96	3408m	2.764	ug/L	
22) 2-Butanone	4.587	43	4925m	3.858	ug/L	
23) Bromochloromethane	4.910	128	1997m	3.242	ug/L	
25) Chloroform	5.099	83	7360	2.608	ug/L	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	5447	2.183	ug/L	100
29) Cyclohexane	5.465	56	4690m	2.256	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	6196	2.336	ug/L #	57
31) Carbon tetrachloride	5.672	117	5026m	2.237	ug/L	
33) Benzene	6.038	78	11246	2.368	ug/L	100
34) Trichloroethene	7.129	95	3424	2.390	ug/L	86
35) Methylcyclohexane	7.385	83	4593	2.222	ug/L #	84
37) 1,2-Dichloropropane	7.440	63	3365	2.491	ug/L #	89
38) Bromodichloromethane	7.824	83	4829	2.340	ug/L #	97
39) cis-1,3-Dichloropropene	8.373	75	5030	2.291	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	8605	4.102	ug/L #	85
42) Toluene	8.720	91	14241	2.741	ug/L	96
44) trans-1,3-Dichloropropene	8.988	75	5246	2.321	ug/L	89
45) 1,1,2-Trichloroethane	9.153	97	2985	2.360	ug/L #	90
46) Tetrachloroethene	9.281	164	2397	2.681	ug/L	76
48) 2-Hexanone	9.433	43	7511	4.332	ug/L #	88
49) Dibromochloromethane	9.519	129	3449	2.423	ug/L	90
50) 1,2-Dibromoethane	9.616	107	3382	2.424	ug/L #	99
51) Chlorobenzene	10.086	112	7465	2.402	ug/L	94
52) Ethylbenzene	10.195	91	13878	2.315	ug/L	91
53) m,p-Xylene	10.305	106	4860	2.356	ug/L	86
54) o-Xylene	10.647	106	4277	2.121	ug/L	68
55) Styrene	10.659	104	6947	2.037	ug/L	84
57) 1,1,2,2-Tetrachloroethane	11.213	83	5359	2.633	ug/L	99
59) Bromoform	10.805	173	2219	2.622	ug/L #	98
60) Isopropylbenzene	10.964	105	13522	2.582	ug/L	95
61) 1,2,3-Trichloropropane	11.244	75	4157	2.484	ug/L	93
62) 1,3,5-Trimethylbenzene	11.457	105	10339	2.280	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	10181	2.239	ug/L	95
64) 1,3-Dichlorobenzene	11.976	146	5048	2.477	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	5773	2.739	ug/L	84
67) 1,2-Dichlorobenzene	12.341	146	5533	2.658	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	1195	2.190	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.116	180	3645	2.490	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	2761	2.225	ug/L	95
71) Naphthalene	13.780	128	7599	1.771	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.963	180	2625m	2.057	ug/L	

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

