

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024656.D
 Acq On : 07 Oct 2021 19:21
 Operator : JC/MD
 Sample : M4000-12MSME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW906MSME

Quant Time: Oct 07 23:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	265985	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	251035	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134792	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	77506	47.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.12%		
7) Chloroethane-d5	1.648	69	30225	27.88	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	55.76%#		
11) 1,1-Dichloroethene-d2	2.270	63	149931	46.37	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.74%		
21) 2-Butanone-d5	4.513	46	110617	81.70	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.70%		
24) Chloroform-d	5.068	84	175178	52.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.04%		
26) 1,2-Dichloroethane-d4	5.964	65	120702	51.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.34%		
32) Benzene-d6	5.971	84	342467	48.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.86%		
36) 1,2-Dichloropropane-d6	7.318	67	103906	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.96%		
41) Toluene-d8	8.653	98	330324	47.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.88%		
43) trans-1,3-Dichloroprop...	8.958	79	50973	46.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.02%		
47) 2-Hexanone-d5	9.403	63	105639	101.74	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.74%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	153869	50.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.02%		
66) 1,2-Dichlorobenzene-d4	12.323	152	132839	50.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	117300	49.89	ug/L	100
3) Chloromethane	1.295	50	94133	49.03	ug/L	99
5) Vinyl chloride	1.374	62	96702	49.93	ug/L	98
6) Bromomethane	1.599	94	36556	34.20	ug/L	96
8) Chloroethane	1.666	64	26168	25.88	ug/L	98
9) Trichlorofluoromethane	1.837	101	63936	23.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.282	101	79848	47.00	ug/L	96
12) 1,1-Dichloroethene	2.282	96	74275	48.62	ug/L	96
13) Acetone	2.435	43	94006	70.24	ug/L	92
14) Carbon disulfide	2.471	76	199686	45.27	ug/L	97
15) Methyl Acetate	2.733	43	111791	52.43	ug/L	94
16) Methylene chloride	2.776	84	98628	53.66	ug/L	93
17) trans-1,2-Dichloroethene	3.075	96	92518	53.41	ug/L	96
18) Methyl tert-butyl Ether	3.148	73	311327	54.65	ug/L	97
19) 1,1-Dichloroethane	3.599	63	169124	52.26	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	103593	52.99	ug/L	99
22) 2-Butanone	4.617	43	146675	82.79	ug/L	92
23) Bromochloromethane	4.904	128	51834	50.74	ug/L	99
25) Chloroform	5.099	83	184680	50.47	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	154068	54.27	ug/L	96
29) Cyclohexane	5.458	56	156416	50.20	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	166019	50.43	ug/L	98
31) Carbon tetrachloride	5.666	117	135908	47.06	ug/L	100
33) Benzene	6.038	78	389011	50.15	ug/L	100
34) Trichloroethene	7.129	95	291151	136.36	ug/L	96
35) Methylcyclohexane	7.379	83	168036	49.50	ug/L	99
37) 1,2-Dichloropropane	7.434	63	97232	47.59	ug/L	99
38) Bromodichloromethane	7.830	83	118104	45.25	ug/L	100
39) cis-1,3-Dichloropropene	8.373	75	145957	47.65	ug/L	99
40) 4-Methyl-2-pentanone	8.592	43	305969	98.42	ug/L	93
42) Toluene	8.720	91	428526	49.49	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	146488	48.96	ug/L	100
45) 1,1,2-Trichloroethane	9.159	97	98952	49.82	ug/L	97
46) Tetrachloroethene	9.275	164	86185	51.78	ug/L	95
48) 2-Hexanone	9.445	43	240114	94.69	ug/L	92
49) Dibromochloromethane	9.525	129	92584	44.82	ug/L	95
50) 1,2-Dibromoethane	9.616	107	107105	49.93	ug/L	100
51) Chlorobenzene	10.086	112	274070	52.52	ug/L	98
52) Ethylbenzene	10.195	91	470164	52.74	ug/L	98
53) m,p-Xylene	10.305	106	185678	53.31	ug/L	100
54) o-Xylene	10.646	106	180178	51.79	ug/L	94
55) Styrene	10.659	104	306271	52.74	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.220	83	162938	51.90	ug/L	99
59) Bromoform	10.805	173	63692	41.76	ug/L	98
60) Isopropylbenzene	10.964	105	472845	50.94	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	134029	48.44	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	420030	51.52	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	420233	52.73	ug/L	98
64) 1,3-Dichlorobenzene	11.976	146	219015	50.60	ug/L	97
65) 1,4-Dichlorobenzene	12.049	146	222166	51.38	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	218888	51.21	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	37791	50.81	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	166351	53.50	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	158071	60.09	ug/L	98
71) Naphthalene	13.780	128	564817	64.32	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	162687	59.93	ug/L	97

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

