

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024661.D
 Acq On : 07 Oct 2021 21:18
 Operator : JC/MD
 Sample : M4001-04MSME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW918MS

Quant Time: Oct 07 23:12:28 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	281660	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	264754	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143925	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60590	34.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.48%			
7) Chloroethane-d5	1.648	69	23245	20.25	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 40.50%#			
11) 1,1-Dichloroethene-d2	2.270	63	123149	35.97	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.94%			
21) 2-Butanone-d5	4.513	46	99503	69.40	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 69.40%			
24) Chloroform-d	5.068	84	150916	42.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.46%			
26) 1,2-Dichloroethane-d4	5.964	65	101492	40.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.26%			
32) Benzene-d6	5.970	84	285016	38.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.44%			
36) 1,2-Dichloropropane-d6	7.312	67	90230	38.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.36%			
41) Toluene-d8	8.653	98	273883	37.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.38%#			
43) trans-1,3-Dichloroprop...	8.958	79	44564	38.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.12%			
47) 2-Hexanone-d5	9.403	63	97735	89.25	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.25%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141303	43.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.96%			
66) 1,2-Dichlorobenzene-d4	12.323	152	116662	41.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	121806	48.92	ug/L	99
3) Chloromethane	1.294	50	97857	48.14	ug/L	98
5) Vinyl chloride	1.374	62	101407	49.44	ug/L	99
6) Bromomethane	1.599	94	38114	33.68	ug/L	99
8) Chloroethane	1.666	64	25968	24.25	ug/L	97
9) Trichlorofluoromethane	1.837	101	66167	22.89	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	81672	45.39	ug/L	96
12) 1,1-Dichloroethene	2.282	96	75085	46.41	ug/L	94
13) Acetone	2.434	43	98705	69.65	ug/L	90
14) Carbon disulfide	2.471	76	201363	43.11	ug/L	98
15) Methyl Acetate	2.733	43	114256	50.60	ug/L	92
16) Methylene chloride	2.776	84	100122	51.44	ug/L	92
17) trans-1,2-Dichloroethene	3.075	96	96613	52.67	ug/L	93
18) Methyl tert-butyl Ether	3.148	73	332874	55.18	ug/L	97
19) 1,1-Dichloroethane	3.599	63	176067	51.38	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	109235	52.77	ug/L	98
22) 2-Butanone	4.611	43	146944	78.33	ug/L	93
23) Bromochloromethane	4.910	128	54374	50.26	ug/L	95
25) Chloroform	5.099	83	191376	49.39	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	155464	51.71	ug/L	97
29) Cyclohexane	5.458	56	164593	50.09	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	173119	49.86	ug/L	97
31) Carbon tetrachloride	5.666	117	143703	47.18	ug/L	100
33) Benzene	6.037	78	404257	49.41	ug/L	100
34) Trichloroethene	7.129	95	117525	52.19	ug/L	95
35) Methylcyclohexane	7.379	83	176551	49.32	ug/L	98
37) 1,2-Dichloropropane	7.434	63	101778	47.24	ug/L	100
38) Bromodichloromethane	7.830	83	124844	45.36	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	161215	49.90	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	323557	98.69	ug/L	94
42) Toluene	8.720	91	458037	50.16	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	156035	49.45	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	107144	51.14	ug/L	97
46) Tetrachloroethene	9.275	164	89549	51.02	ug/L	96
48) 2-Hexanone	9.445	43	254568	95.18	ug/L	92
49) Dibromochloromethane	9.525	129	102168	46.90	ug/L	97
50) 1,2-Dibromoethane	9.616	107	115692	51.14	ug/L	100
51) Chlorobenzene	10.085	112	290933	52.86	ug/L	96
52) Ethylbenzene	10.195	91	496754	52.83	ug/L	98
53) m,p-Xylene	10.305	106	203403	55.37	ug/L	98
54) o-Xylene	10.646	106	193466	52.73	ug/L	94
55) Styrene	10.659	104	325746	53.19	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.219	83	171231	51.71	ug/L	99
59) Bromoform	10.805	173	69992	42.98	ug/L	98
60) Isopropylbenzene	10.963	105	513133	51.77	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	139958	47.38	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	448189	51.49	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	447126	52.54	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	237867	51.46	ug/L	98
65) 1,4-Dichlorobenzene	12.049	146	239551	51.89	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	240140	52.62	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40362	50.83	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	180656	54.42	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	170942	60.85	ug/L	97
71) Naphthalene	13.780	128	625545	66.71	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	176315	60.83	ug/L	97

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

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