Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024648.D
Acq On : 07 Oct 2021 16:13
Operator : JC/MD
Sample : M4001-04MEMS 10X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW918MEMS

Manual Integrations APPROVED
MMDadoda
10/8/2021 9:38:54 AM

Quant Time: Oct 07 23:08:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.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	6.769	114	216948	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198311	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104352	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57189	42.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.16%			
7) Chloroethane-d5	1.648	69	44535	50.37	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.74%			
11) 1,1-Dichloroethene-d2	2.300	63	129030	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.84%			
21) 2-Butanone-d5	4.471	46	117619	106.51	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.51%			
24) Chloroform-d	5.068	84	139383	51.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.48%			
26) 1,2-Dichloroethane-d4	5.964	65	98527	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.42%			
32) Benzene-d6	5.983	84	261956	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.78%			
36) 1,2-Dichloropropane-d6	7.318	67	83209	47.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.24%			
41) Toluene-d8	8.653	98	232527	42.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.44%			
43) trans-1,3-Dichloroprop...	8.952	79	39679	45.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.66%			
47) 2-Hexanone-d5	9.391	63	79843	97.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.34%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	122165	50.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.54%			
66) 1,2-Dichlorobenzene-d4	12.323	152	97585	47.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	93674	48.84	ug/L	99
3) Chloromethane	1.294	50	75025	47.91	ug/L	100
5) Vinyl chloride	1.374	62	77716	49.19	ug/L	99
6) Bromomethane	1.599	94	46170	52.96	ug/L	99
8) Chloroethane	1.672	64	45318	54.95	ug/L	98
9) Trichlorofluoromethane	1.880	101	123564	55.49	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	74965	54.10	ug/L	96
12) 1,1-Dichloroethene	2.313	96	66969	53.74	ug/L	90
13) Acetone	2.392	43	97299	89.13	ug/L	91
14) Carbon disulfide	2.508	76	174025	48.37	ug/L	99
15) Methyl Acetate	2.709	43	90179	51.85	ug/L	93
16) Methylene chloride	2.788	84	77756	51.86	ug/L	87
17) trans-1,2-Dichloroethene	3.093	96	71877	50.88	ug/L	92
18) Methyl tert-butyl Ether	3.123	73	245402	52.81	ug/L	96
19) 1,1-Dichloroethane	3.611	63	136767	51.81	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	81354	51.02	ug/L	96
22) 2-Butanone	4.574	43	136685	94.59	ug/L	92
23) Bromochloromethane	4.910	128	43011	51.62	ug/L	96
25) Chloroform	5.105	83	151416	50.73	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.098	62	129166m	55.78	ug/L		
29) Cyclohexane	5.477	56	124225	50.47	ug/L		97
30) 1,1,1-Trichloroethane	5.391	97	134487	51.72	ug/L		100
31) Carbon tetrachloride	5.684	117	117346	51.43	ug/L		99
33) Benzene	6.044	78	309608	50.52	ug/L		100
34) Trichloroethene	7.129	95	84660	50.19	ug/L		98
35) Methylcyclohexane	7.385	83	132051	49.25	ug/L		98
37) 1,2-Dichloropropane	7.434	63	78960	48.93	ug/L		99
38) Bromodichloromethane	7.830	83	104909	50.89	ug/L		98
39) cis-1,3-Dichloropropene	8.372	75	119603	49.43	ug/L		100
40) 4-Methyl-2-pentanone	8.580	43	251683	102.49	ug/L		91
42) Toluene	8.720	91	325348	47.57	ug/L		99
44) trans-1,3-Dichloropropene	8.982	75	120790	51.11	ug/L		99
45) 1,1,2-Trichloroethane	9.159	97	78294	49.90	ug/L		96
46) Tetrachloroethene	9.275	164	64474	49.04	ug/L		95
48) 2-Hexanone	9.433	43	200149	99.91	ug/L	#	90
49) Dibromochloromethane	9.525	129	79886	48.96	ug/L		97
50) 1,2-Dibromoethane	9.616	107	83502	49.27	ug/L		95
51) Chlorobenzene	10.079	112	209965	50.93	ug/L		98
52) Ethylbenzene	10.195	91	361932	51.39	ug/L		99
53) m,p-Xylene	10.305	106	143440	52.13	ug/L		94
54) o-Xylene	10.646	106	140137	50.99	ug/L		96
55) Styrene	10.659	104	242658	52.90	ug/L		94
57) 1,1,2,2-Tetrachloroethane	11.213	83	127418	51.38	ug/L		100
59) Bromoform	10.805	173	57919	49.05	ug/L		99
60) Isopropylbenzene	10.963	105	366145	50.95	ug/L		99
61) 1,2,3-Trichloropropane	11.244	75	107703	50.29	ug/L		99
62) 1,3,5-Trimethylbenzene	11.457	105	323832	51.31	ug/L		99
63) 1,2,4-Trimethylbenzene	11.756	105	320104	51.88	ug/L		98
64) 1,3-Dichlorobenzene	11.969	146	168856	50.39	ug/L		95
65) 1,4-Dichlorobenzene	12.042	146	170755	51.01	ug/L		99
67) 1,2-Dichlorobenzene	12.335	146	172546	52.15	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.945	75	30364	52.74	ug/L		97
69) 1,3,5-Trichlorobenzene	13.115	180	125252	52.03	ug/L		99
70) 1,2,4-trichlorobenzene	13.591	180	108401	53.22	ug/L		98
71) Naphthalene	13.780	128	388011	57.07	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	115125	54.78	ug/L		99

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

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