Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
Data File : VU050673.D
Acq On : 07 Sep 2022 20:14
Operator : SY/MD
Sample : N4482-05MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW345MS

Quant Time: Sep 08 05:45:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 07 01:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	244741	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	250471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67660	32.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.640%			
7) Chloroethane-d5	1.899	69	56229	39.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.440%			
11) 1,1-Dichloroethene-d2	2.565	63	136368	36.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.720%			
21) 2-Butanone-d5	4.620	46	153499	100.227	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.230%			
24) Chloroform-d	5.060	84	195627	49.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.620%			
26) 1,2-Dichloroethane-d4	5.700	65	127842	52.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.460%			
32) Benzene-d6	5.726	84	365250	44.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.260%			
36) 1,2-Dichloropropane-d6	6.690	67	122872	45.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.420%			
41) Toluene-d8	7.896	98	326150	46.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.160%			
43) trans-1,3-Dichloroprop...	8.179	79	54486	48.457	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.920%			
47) 2-Hexanone-d5	8.632	63	62352	91.215	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.210%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	212558	51.686	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.380%			
66) 1,2-Dichlorobenzene-d4	12.192	152	130353	45.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	75514	32.123	ug/L	100
3) Chloromethane	1.520	50	103958	40.928	ug/L	97
5) Vinyl chloride	1.604	62	80410	33.601	ug/L	100
6) Bromomethane	1.835	94	52391	43.410	ug/L	98
8) Chloroethane	1.922	64	49250	38.747	ug/L	99
9) Trichlorofluoromethane	2.131	101	107095	36.731	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	61511	32.161	ug/L	98
12) 1,1-Dichloroethene	2.575	96	72756	39.150	ug/L	97
13) Acetone	2.623	43	121551	105.212	ug/L	99
14) Carbon disulfide	2.790	76	204520	37.112	ug/L	100
15) Methyl Acetate	2.944	43	121730	49.822	ug/L	98
16) Methylene chloride	3.041	84	112430	46.098	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	84275	42.765	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	313382	51.289	ug/L	98
19) 1,1-Dichloroethane	3.867	63	175301	46.107	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	105391	47.399	ug/L	92
22) 2-Butanone	4.697	43	190300	105.316	ug/L	94
23) Bromochloromethane	4.970	128	60025	52.243	ug/L	92
25) Chloroform	5.086	83	192962	49.815	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	151600	52.804	ug/L	96
29) Cyclohexane	5.385	56	95591	28.497	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	145991	43.275	ug/L	98
31) Carbon tetrachloride	5.523	117	115111	41.647	ug/L	99
33) Benzene	5.771	78	412429	45.246	ug/L	100
34) Trichloroethene	6.539	95	87501	41.197	ug/L	98
35) Methylcyclohexane	6.761	83	93849	27.793	ug/L	97
37) 1,2-Dichloropropane	6.790	63	110592	45.932	ug/L	98
38) Bromodichloromethane	7.105	83	146062	51.570	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	155045	47.573	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	328359	100.075	ug/L	98
42) Toluene	7.967	91	410828	44.370	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	148864	48.683	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	116504	50.370	ug/L	99
46) Tetrachloroethene	8.552	164	62391	40.218	ug/L	98
48) 2-Hexanone	8.681	43	327644	106.999	ug/L	99
49) Dibromochloromethane	8.809	129	119861	54.332	ug/L	99
50) 1,2-Dibromoethane	8.922	107	123626	52.557	ug/L	98
51) Chlorobenzene	9.446	112	263799	45.905	ug/L	99
52) Ethylbenzene	9.568	91	393875	43.060	ug/L	99
53) m,p-Xylene	9.693	106	154326	44.038	ug/L	96
54) o-Xylene	10.099	106	162197	46.489	ug/L	99
55) Styrene	10.111	104	280490	48.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	217653	52.829	ug/L	98
59) Bromoform	10.288	173	91543	50.013	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	171560	47.661	ug/L	98
61) Isopropylbenzene	10.484	105	358485	36.916	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	309239	37.249	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	308111	38.649	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	181050	42.373	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	178084	42.165	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	199724	43.889	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	45885	48.271	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	114779	37.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	87067	33.067	ug/L	99
71) Naphthalene	14.085	128	293250	31.413	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97545	34.211	ug/L	99

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

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