Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
Data File : VU050674.D
Acq On : 07 Sep 2022 20:38
Operator : SY/MD
Sample : N4482-06MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW345MSD

Quant Time: Sep 08 05:45:15 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	253795	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67742	31.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.420%		
7) Chloroethane-d5	1.896	69	53911	36.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.460%		
11) 1,1-Dichloroethene-d2	2.562	63	130915	34.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.260%		
21) 2-Butanone-d5	4.620	46	150761	94.927	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.930%		
24) Chloroform-d	5.060	84	186960	45.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
26) 1,2-Dichloroethane-d4	5.700	65	122013	48.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
32) Benzene-d6	5.726	84	352397	41.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
36) 1,2-Dichloropropane-d6	6.690	67	119227	42.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.540%		
41) Toluene-d8	7.896	98	314726	42.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.680%		
43) trans-1,3-Dichloroprop...	8.179	79	53531	45.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.740%		
47) 2-Hexanone-d5	8.632	63	65208	91.916	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.920%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	210373	49.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	126950	43.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	72694	29.820	ug/L	98
3) Chloromethane	1.520	50	105290	39.974	ug/L	99
5) Vinyl chloride	1.604	62	81997	33.042	ug/L	99
6) Bromomethane	1.832	94	54138	43.257	ug/L	96
8) Chloroethane	1.919	64	50334	38.187	ug/L	99
9) Trichlorofluoromethane	2.131	101	104431	34.540	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	58630	29.561	ug/L	95
12) 1,1-Dichloroethene	2.575	96	70329	36.494	ug/L	99
13) Acetone	2.623	43	120824	100.852	ug/L	99
14) Carbon disulfide	2.787	76	206082	36.062	ug/L	99
15) Methyl Acetate	2.944	43	121870	48.100	ug/L	98
16) Methylene chloride	3.041	84	112980	44.671	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	84777	41.485	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	319149	50.369	ug/L	98
19) 1,1-Dichloroethane	3.864	63	171086	43.393	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	106026	45.983	ug/L	93
22) 2-Butanone	4.697	43	194161	103.619	ug/L	96
23) Bromochloromethane	4.970	128	61033	51.225	ug/L	95
25) Chloroform	5.086	83	194484	48.417	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.793	62	154737	51.974	ug/L		98
29) Cyclohexane	5.385	56	93846	26.957	ug/L		92
30) 1,1,1-Trichloroethane	5.314	97	145252	41.487	ug/L		98
31) Carbon tetrachloride	5.523	117	116031	40.450	ug/L		99
33) Benzene	5.771	78	411827	43.533	ug/L		100
34) Trichloroethene	6.542	95	91567	41.540	ug/L		97
35) Methylcyclohexane	6.761	83	93419	26.658	ug/L		97
37) 1,2-Dichloropropane	6.790	63	110293	44.138	ug/L		98
38) Bromodichloromethane	7.105	83	148572	50.544	ug/L		99
39) cis-1,3-Dichloropropene	7.607	75	156628	46.307	ug/L		98
40) 4-Methyl-2-pentanone	7.790	43	334338	98.184	ug/L		97
42) Toluene	7.967	91	419549	43.660	ug/L		100
44) trans-1,3-Dichloropropene	8.208	75	154995	48.841	ug/L		99
45) 1,1,2-Trichloroethane	8.398	97	119770	49.895	ug/L		98
46) Tetrachloroethene	8.552	164	62053	38.542	ug/L		99
48) 2-Hexanone	8.684	43	334408	105.228	ug/L		98
49) Dibromochloromethane	8.809	129	121896	53.240	ug/L		100
50) 1,2-Dibromoethane	8.922	107	127320	52.154	ug/L	#	96
51) Chlorobenzene	9.446	112	273956	45.935	ug/L		97
52) Ethylbenzene	9.568	91	403048	42.457	ug/L		100
53) m,p-Xylene	9.693	106	155565	42.773	ug/L		95
54) o-Xylene	10.099	106	168551	46.549	ug/L		99
55) Styrene	10.115	104	290648	48.785	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.780	83	223617	52.299	ug/L		99
59) Bromoform	10.288	173	95801	51.189	ug/L		97
60) 1,2,3-Trichloropropane	10.822	75	175045	47.561	ug/L		98
61) Isopropylbenzene	10.484	105	367410	37.004	ug/L		99
62) 1,3,5-Trimethylbenzene	11.086	105	324321	38.208	ug/L		100
63) 1,2,4-Trimethylbenzene	11.468	105	325238	39.901	ug/L		100
64) 1,3-Dichlorobenzene	11.745	146	189189	43.305	ug/L		97
65) 1,4-Dichlorobenzene	11.835	146	187847	43.500	ug/L		99
67) 1,2-Dichlorobenzene	12.211	146	210351	45.209	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.996	75	47795	49.176	ug/L		97
69) 1,3,5-Trichlorobenzene	13.217	180	119030	37.543	ug/L		98
70) 1,2,4-trichlorobenzene	13.841	180	95889	35.618	ug/L		99
71) Naphthalene	14.086	128	372338	39.009	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	112738	38.671	ug/L		100

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

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