Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
Data File : VU050675.D
Acq On : 07 Sep 2022 21:02
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050193

Quant Time: Sep 08 05:45:27 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	302715	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95651	36.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.880%			
7) Chloroethane-d5	1.903	69	72478	41.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.800%			
11) 1,1-Dichloroethene-d2	2.565	63	183881	40.189	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.380%			
21) 2-Butanone-d5	4.620	46	168406	88.901	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.900%			
24) Chloroform-d	5.060	84	249092	50.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.520%			
26) 1,2-Dichloroethane-d4	5.700	65	156154	52.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.140%			
32) Benzene-d6	5.726	84	471477	47.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.560%			
36) 1,2-Dichloropropane-d6	6.690	67	153666	46.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.880%			
41) Toluene-d8	7.896	98	425846	49.942	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.880%			
43) trans-1,3-Dichloroprop...	8.179	79	71070	52.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.940%			
47) 2-Hexanone-d5	8.629	63	70468	85.575	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.580%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	251890	50.845	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.700%			
66) 1,2-Dichlorobenzene-d4	12.192	152	162796	47.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	102416	35.223	ug/L	100
3) Chloromethane	1.520	50	128500	40.901	ug/L	99
5) Vinyl chloride	1.604	62	106641	36.028	ug/L	99
6) Bromomethane	1.842	94	69127	46.308	ug/L	96
8) Chloroethane	1.925	64	62367	39.670	ug/L	99
9) Trichlorofluoromethane	2.134	101	142132	39.412	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81643	34.511	ug/L	98
12) 1,1-Dichloroethene	2.578	96	91950	40.002	ug/L	95
13) Acetone	2.623	43	125477	87.810	ug/L	99
14) Carbon disulfide	2.790	76	274779	40.313	ug/L	100
15) Methyl Acetate	2.944	43	138526	45.838	ug/L	97
16) Methylene chloride	3.041	84	137346	45.529	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	107060	43.922	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	383833	50.788	ug/L	99
19) 1,1-Dichloroethane	3.867	63	214580	45.629	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	130378	47.407	ug/L	95
22) 2-Butanone	4.697	43	208507	93.293	ug/L	94
23) Bromochloromethane	4.970	128	72748	51.190	ug/L	91
25) Chloroform	5.086	83	237409	49.552	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	182880	51.500	ug/L	100
29) Cyclohexane	5.388	56	135606	33.559	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	185562	45.661	ug/L	98
31) Carbon tetrachloride	5.523	117	150993	45.349	ug/L	98
33) Benzene	5.771	78	512521	46.675	ug/L	100
34) Trichloroethene	6.539	95	112195	43.850	ug/L	98
35) Methylcyclohexane	6.761	83	136524	33.563	ug/L	96
37) 1,2-Dichloropropane	6.790	63	134997	46.543	ug/L	100
38) Bromodichloromethane	7.105	83	178216	52.234	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	194706	49.594	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	371230	93.921	ug/L	97
42) Toluene	7.967	91	525670	47.128	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	183391	49.787	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	139828	50.185	ug/L	99
46) Tetrachloroethene	8.552	164	80401	43.023	ug/L	98
48) 2-Hexanone	8.681	43	340582	92.330	ug/L	97
49) Dibromochloromethane	8.809	129	147663	55.563	ug/L	97
50) 1,2-Dibromoethane	8.922	107	149447	52.741	ug/L	99
51) Chlorobenzene	9.446	112	335131	48.412	ug/L	97
52) Ethylbenzene	9.568	91	509884	46.274	ug/L	97
53) m,p-Xylene	9.693	106	202894	48.062	ug/L	97
54) o-Xylene	10.099	106	210500	50.084	ug/L	100
55) Styrene	10.111	104	360727	52.163	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	255421	51.465	ug/L	98
59) Bromoform	10.288	173	112220	51.246	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	198901	46.187	ug/L	98
61) Isopropylbenzene	10.484	105	480789	41.384	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	425637	42.855	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	423767	44.431	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	238360	46.629	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	234210	46.353	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	255486	46.927	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53892	47.389	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	159632	43.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	131437	41.726	ug/L	99
71) Naphthalene	14.086	128	483910	43.328	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	148190	43.442	ug/L	100

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

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