Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046208.D
Acq On : 09 Dec 2021 10:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050131

Quant Time: Dec 09 12:25:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	221079	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	222894	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	126917	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	108613	59.640	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.280%			
7) Chloroethane-d5	1.919	69	77800	55.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.280%			
11) 1,1-Dichloroethene-d2	2.575	63	179967	55.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.100%			
21) 2-Butanone-d5	4.639	46	153407	105.965	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.960%			
24) Chloroform-d	5.070	84	172738	56.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.600%			
26) 1,2-Dichloroethane-d4	5.706	65	112465	55.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.200%			
32) Benzene-d6	5.732	84	372954	58.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.760%			
36) 1,2-Dichloropropane-d6	6.694	67	112156	56.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.300%			
41) Toluene-d8	7.902	98	347399	59.724	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.440%			
43) trans-1,3-Dichloroprop...	8.182	79	58595	61.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 122.620%			
47) 2-Hexanone-d5	8.636	63	111577	118.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.860%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	167526	55.793	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.580%			
66) 1,2-Dichlorobenzene-d4	12.195	152	136547	55.866	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	102181	42.482	ug/L	100
3) Chloromethane	1.523	50	91236	42.408	ug/L	97
5) Vinyl chloride	1.607	62	99762	45.989	ug/L	99
6) Bromomethane	1.864	94	61853	50.307	ug/L	96
8) Chloroethane	1.941	64	58111	46.267	ug/L	99
9) Trichlorofluoromethane	2.144	101	134479	47.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	84420	52.479	ug/L	96
12) 1,1-Dichloroethene	2.588	96	77513	50.707	ug/L	94
13) Acetone	2.658	43	146259	80.836	ug/L	96
14) Carbon disulfide	2.800	76	217163	45.790	ug/L	100
15) Methyl Acetate	2.961	43	99904	47.366	ug/L	97
16) Methylene chloride	3.051	84	88741	48.793	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	83972	51.908	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	277003	55.562	ug/L	99
19) 1,1-Dichloroethane	3.877	63	153724	52.263	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	95242	54.260	ug/L	97
22) 2-Butanone	4.719	43	176103	89.409	ug/L	96
23) Bromochloromethane	4.980	128	48940	55.204	ug/L	91
25) Chloroform	5.092	83	170131	52.059	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	122534	50.528	ug/L	99
29) Cyclohexane	5.395	56	131607	50.707	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	145491	53.176	ug/L	98
31) Carbon tetrachloride	5.530	117	123998	53.384	ug/L	96
33) Benzene	5.780	78	349205	51.764	ug/L	100
34) Trichloroethene	6.546	95	94180	52.993	ug/L	99
35) Methylcyclohexane	6.767	83	140802	51.095	ug/L	99
37) 1,2-Dichloropropane	6.796	63	90358	51.131	ug/L	100
38) Bromodichloromethane	7.111	83	128088	54.531	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	152080	56.568	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	267891	103.176	ug/L	98
42) Toluene	7.973	91	389929	53.867	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	145034	54.927	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	93883	52.953	ug/L	98
46) Tetrachloroethene	8.558	164	71975	55.109	ug/L	97
48) 2-Hexanone	8.687	43	228201	98.275	ug/L	98
49) Dibromochloromethane	8.812	129	106818	57.373	ug/L	99
50) 1,2-Dibromoethane	8.928	107	104699	54.469	ug/L	98
51) Chlorobenzene	9.449	112	253224	54.071	ug/L	99
52) Ethylbenzene	9.574	91	429489	55.130	ug/L	97
53) m,p-Xylene	9.697	106	170285	56.048	ug/L	98
54) o-xylene	10.105	106	164990	55.966	ug/L	95
55) Styrene	10.118	104	292551	58.125	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	159959	52.624	ug/L	99
59) Bromoform	10.295	173	83128	55.833	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	132707	47.700	ug/L	100
61) Isopropylbenzene	10.488	105	444100	53.780	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	375213	54.514	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	375108	54.472	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	207106	52.799	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	211405	52.148	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	205992	52.148	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38648	52.145	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	154150	53.935	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	141591	55.827	ug/L	99
71) Naphthalene	14.085	128	518963	58.801	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	143684	55.555	ug/L	99

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

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