Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
Data File : VU054411.D
Acq On : 07 Jun 2023 14:30
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Jun 08 01:17:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 08 01:12:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	324667	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	305386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	162867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	97952	4.741	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.914	69	94422	4.881	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.563	65	42968	4.656	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	4.631	46	301187	51.845	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.700%			
24) Chloroform-d	5.062	84	220490	5.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	5.698	65	105737	5.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	5.724	84	421604	4.966	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	6.685	67	143231	5.052	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.000%			
41) Toluene-d8	7.894	98	381553	5.064	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	8.177	79	50876	5.160	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.200%			
46) 2-Hexanone-d5	8.631	63	211572	51.152	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.300%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	104952	4.964	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	139957	5.095	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	158313	5.219	ug/L	98
3) Chloromethane	1.518	50	178567	5.124	ug/L	100
5) Vinyl chloride	1.605	62	186686	5.219	ug/L	99
6) Bromomethane	1.859	94	104359	5.307	ug/L	98
8) Chloroethane	1.933	64	110160	5.138	ug/L	98
9) Trichlorofluoromethane	2.136	101	232932	5.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	136223	5.295	ug/L	98
12) 1,1-Dichloroethene	2.579	96	126390	5.367	ug/L	97
13) Acetone	2.644	43	296181	54.073	ug/L	100
14) Carbon disulfide	2.792	76	371302	5.317	ug/L	100
15) Methyl Acetate	2.956	43	54172	5.337	ug/L	96
16) Methylene chloride	3.042	84	140693	4.249	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	311417	5.358	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	125993	5.182	ug/L	99
19) 1,1-Dichloroethane	3.865	63	266158	5.290	ug/L	99
21) 2-Butanone	4.708	43	396961	55.842	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	147517	5.328	ug/L	95
23) Bromochloromethane	4.972	128	59482	5.163	ug/L	94
25) Chloroform	5.084	83	261438	5.270	ug/L	100

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Data File : VU054411.D
Acq On : 07 Jun 2023 14:30
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Jun 08 01:17:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 08 01:12:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	153506	5.279	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	217134	5.243	ug/L	99
30) Cyclohexane	5.383	56	240996	5.343	ug/L	99
31) Carbon tetrachloride	5.521	117	187871	5.265	ug/L	98
33) Benzene	5.769	78	578026	5.267	ug/L	100
34) Trichloroethene	6.537	95	149219	5.141	ug/L	97
35) Methylcyclohexane	6.759	83	233450	5.322	ug/L	99
37) 1,2-Dichloropropane	6.785	63	159408	5.372	ug/L	100
38) Bromodichloromethane	7.100	83	175994	5.239	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	219393	5.415	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	842567	53.204	ug/L	100
42) Toluene	7.965	91	609024	5.388	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	175171	5.328	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	99932	5.293	ug/L	96
47) Tetrachloroethene	8.550	164	112469	5.063	ug/L	99
48) 2-Hexanone	8.679	43	635874	53.888	ug/L	99
49) Dibromochloromethane	8.804	129	106590	5.377	ug/L	99
50) 1,2-Dibromoethane	8.920	107	93420	5.390	ug/L	100
51) Chlorobenzene	9.444	112	371346	5.271	ug/L	99
52) Ethylbenzene	9.566	91	664132	5.380	ug/L	100
53) m,p-Xylene	9.688	106	246407	5.434	ug/L	96
54) o-Xylene	10.097	106	241431	5.506	ug/L	99
55) Styrene	10.110	104	406769	5.527	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	120355	5.019	ug/L	99
59) Bromoform	10.286	173	61482	5.258	ug/L	98
60) Isopropylbenzene	10.479	105	655523	5.502	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	84853	5.155	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	530073	5.453	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	542428	5.494	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	300338	5.393	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	291019	5.207	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	273948	5.348	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	19321	5.342	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	222859	5.304	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	189102	5.442	ug/L	98
71) Naphthalene	14.081	128	307978	5.451	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	162657	5.449	ug/L	99

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

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Acq On : 07 Jun 2023 14:30
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Jun 08 01:17:24 2023
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