Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
Data File : VU054479.D
Acq On : 12 Jun 2023 11:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

Quant Time: Jun 13 02:20:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 12 00:58:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	298237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	288266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61849	3.259	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.200%			
7) Chloroethane-d5	1.914	69	66372	3.735	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.600%			
11) 1,1-Dichloroethene-d2	2.563	65	29467	3.476	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	4.637	46	283243	53.077	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.160%			
24) Chloroform-d	5.059	84	175282	4.418	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.698	65	87213	4.510	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.724	84	323016	4.031	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.600%			
36) 1,2-Dichloropropane-d6	6.689	67	114365	4.274	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.894	98	287517	4.043	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.177	79	39638	4.259	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.631	63	187872	48.120	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.240%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93961	4.708	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	111308	4.248	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	145801	5.232	ug/L	100
3) Chloromethane	1.518	50	168234	5.255	ug/L	99
5) Vinyl chloride	1.602	62	172431	5.248	ug/L	99
6) Bromomethane	1.859	94	98525	5.454	ug/L	98
8) Chloroethane	1.933	64	105545	5.359	ug/L	99
9) Trichlorofluoromethane	2.136	101	215626	5.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	129518	5.481	ug/L	99
12) 1,1-Dichloroethene	2.580	96	115714	5.349	ug/L	98
13) Acetone	2.647	43	378365	75.199	ug/L	98
14) Carbon disulfide	2.792	76	339209	5.288	ug/L	100
15) Methyl Acetate	2.956	43	48866	5.241	ug/L	94
16) Methylene chloride	3.046	84	144411	4.748	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	291592	5.461	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	118334	5.298	ug/L	99
19) 1,1-Dichloroethane	3.866	63	248102	5.368	ug/L	99
21) 2-Butanone	4.715	43	443466	67.912	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	135753	5.338	ug/L	97
23) Bromochloromethane	4.972	128	57145	5.400	ug/L	95
25) Chloroform	5.084	83	247891	5.440	ug/L	99

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

Quant Time: Jun 13 02:20:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 12 00:58:03 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	142321	5.329	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	205213	5.250	ug/L	99
30) Cyclohexane	5.386	56	214256	5.032	ug/L	99
31) Carbon tetrachloride	5.522	117	179124	5.318	ug/L	99
33) Benzene	5.769	78	532814	5.143	ug/L	100
34) Trichloroethene	6.538	95	141731	5.173	ug/L	93
35) Methylcyclohexane	6.759	83	211878	5.117	ug/L	99
37) 1,2-Dichloropropane	6.788	63	145329	5.188	ug/L	99
38) Bromodichloromethane	7.103	83	172046	5.426	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	206645	5.403	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	807800	54.038	ug/L	99
42) Toluene	7.965	91	569404	5.337	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	170643	5.498	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	97130	5.451	ug/L	99
47) Tetrachloroethene	8.550	164	106389	5.073	ug/L	96
48) 2-Hexanone	8.682	43	678007	60.871	ug/L	100
49) Dibromochloromethane	8.804	129	105967	5.663	ug/L	99
50) 1,2-Dibromoethane	8.920	107	88336	5.399	ug/L	99
51) Chlorobenzene	9.444	112	355295	5.342	ug/L	99
52) Ethylbenzene	9.566	91	617332	5.298	ug/L	100
53) m,p-Xylene	9.692	106	234466	5.478	ug/L	100
54) o-Xylene	10.097	106	226120	5.463	ug/L	98
55) Styrene	10.110	104	386108	5.557	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	118472	5.234	ug/L	96
59) Bromoform	10.287	173	61501	5.515	ug/L	98
60) Isopropylbenzene	10.480	105	617620	5.435	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83307	5.307	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	500450	5.398	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	510757	5.424	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	286941	5.402	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	285910	5.363	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	259749	5.317	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	19046	5.521	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	222067	5.541	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	177947	5.370	ug/L	100
71) Naphthalene	14.084	128	266639	4.948	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	155747	5.471	ug/L	99

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

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Acq On : 12 Jun 2023 11:09
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005179

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