Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059912.D
Acq On : 12 Jul 2024 10:50
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

Quant Time: Jul 13 03:48:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 11 01:53:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	158743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66463	6.021	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.400%			
7) Chloroethane-d5	1.911	69	55737	5.248	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.000%			
11) 1,1-Dichloroethene-d2	2.560	65	25657	5.603	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.000%			
20) 2-Butanone-d5	4.627	46	116375	51.183	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.360%			
24) Chloroform-d	5.055	84	120074	5.300	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
26) 1,2-Dichloroethane-d4	5.695	65	56244	5.153	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	5.721	84	243383	5.407	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
36) 1,2-Dichloropropane-d6	6.682	67	73286	5.313	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.200%			
41) Toluene-d8	7.891	98	231567	5.534	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.600%			
43) trans-1,3-Dichloroprop...	8.174	79	26099	6.043	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 120.800%			
46) 2-Hexanone-d5	8.627	63	98686	54.992	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.980%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58900	5.168	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	80172	5.271	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	59084	4.393	ug/L	98
3) Chloromethane	1.518	50	66728	4.609	ug/L	99
5) Vinyl chloride	1.602	62	76173	4.763	ug/L	98
6) Bromomethane	1.856	94	47931	4.310	ug/L	93
8) Chloroethane	1.930	64	48936	5.078	ug/L	100
9) Trichlorofluoromethane	2.132	101	98367	5.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64569	5.298	ug/L	93
12) 1,1-Dichloroethene	2.573	96	56726	5.038	ug/L	87
13) Acetone	2.640	43	73273	49.679	ug/L	97
14) Carbon disulfide	2.788	76	171220	4.558	ug/L	98
15) Methyl Acetate	2.955	43	19158	4.922	ug/L	93
16) Methylene chloride	3.039	84	67409	5.053	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	123279	5.081	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	59147	5.051	ug/L	91
19) 1,1-Dichloroethane	3.859	63	111936	5.184	ug/L	98
21) 2-Butanone	4.705	43	117790	49.791	ug/L	85
22) cis-1,2-Dichloroethene	4.656	96	65568	5.080	ug/L	96
23) Bromochloromethane	4.968	128	31807	5.406	ug/L	83
25) Chloroform	5.081	83	118628	5.216	ug/L	99

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Acq On : 12 Jul 2024 10:50
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

Quant Time: Jul 13 03:48:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 11 01:53:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69174	5.019	ug/L		96
29) 1,1,1-Trichloroethane	5.309	97	95179	5.039	ug/L		99
30) Cyclohexane	5.380	56	77887	4.671	ug/L		93
31) Carbon tetrachloride	5.518	117	83256	5.265	ug/L		99
33) Benzene	5.766	78	260106	5.237	ug/L		100
34) Trichloroethene	6.534	95	68188	5.070	ug/L		96
35) Methylcyclohexane	6.756	83	91748	4.794	ug/L		94
37) 1,2-Dichloropropane	6.782	63	69376	5.398	ug/L	#	98
38) Bromodichloromethane	7.100	83	83187	5.185	ug/L	#	98
39) cis-1,3-Dichloropropene	7.602	75	87946	5.003	ug/L		96
40) 4-Methyl-2-pentanone	7.785	43	296901	49.852	ug/L	#	94
42) Toluene	7.962	91	283567	5.393	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	73268	5.193	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	51663	5.455	ug/L		99
47) Tetrachloroethene	8.547	164	55425	5.310	ug/L		97
48) 2-Hexanone	8.679	43	212126	49.906	ug/L	#	91
49) Dibromochloromethane	8.804	129	56213	5.358	ug/L		96
50) 1,2-Dibromoethane	8.917	107	46529	5.320	ug/L		98
51) Chlorobenzene	9.441	112	176766	5.300	ug/L		95
52) Ethylbenzene	9.563	91	276587	5.128	ug/L		96
53) m,p-Xylene	9.688	106	108967	5.260	ug/L		96
54) o-Xylene	10.093	106	107193	5.452	ug/L		94
55) Styrene	10.110	104	184798	5.521	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	60254	5.244	ug/L		99
59) Bromoform	10.286	173	34995	5.351	ug/L		99
60) Isopropylbenzene	10.479	105	277196	5.251	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	40452	5.122	ug/L		97
62) 1,3,5-Trimethylbenzene	11.081	105	207724	4.967	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	202269	5.059	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	144374	5.377	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	142755	5.165	ug/L		100
67) 1,2-Dichlorobenzene	12.206	146	134928	5.340	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7945	5.158	ug/L	#	82
69) 1,3,5-Trichlorobenzene	13.212	180	105392	5.303	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	77785	5.102	ug/L		96
71) Naphthalene	14.084	128	97426	4.465	ug/L		97
72) 1,2,3-Trichlorobenzene	14.325	180	71295	5.036	ug/L		98

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

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Data File : VU059912.D
Acq On : 12 Jul 2024 10:50
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

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