Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062123.D
Acq On : 06 Dec 2024 10:17
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Dec 06 23:14:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18863	3.623	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.400%			
7) Chloroethane-d5	1.907	69	17012	3.693	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.800%			
11) 1,1-Dichloroethene-d2	2.557	65	9374	4.506	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.200%			
20) 2-Butanone-d5	4.628	46	65075	39.797	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.600%			
24) Chloroform-d	5.049	84	59625	4.694	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
26) 1,2-Dichloroethane-d4	5.692	65	30457	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.718	84	92529	4.680	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.682	67	31131	4.634	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.600%			
41) Toluene-d8	7.888	98	82998	5.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	8.174	79	13050	5.247	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.000%			
46) 2-Hexanone-d5	8.624	63	47628	41.958	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.920%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27947	4.163	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	37124	4.758	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	49143	5.291	ug/L	96
3) Chloromethane	1.515	50	36162	3.777	ug/L	96
5) Vinyl chloride	1.599	62	38425	3.907	ug/L	100
6) Bromomethane	1.853	94	25422	4.342	ug/L	96
8) Chloroethane	1.927	64	21620	3.409	ug/L	96
9) Trichlorofluoromethane	2.129	101	66978	5.384	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37830	4.942	ug/L	93
12) 1,1-Dichloroethene	2.570	96	32681	4.591	ug/L	93
13) Acetone	2.647	43	50623	44.840	ug/L	96
14) Carbon disulfide	2.785	76	94575	4.176	ug/L	99
15) Methyl Acetate	2.952	43	11834	4.082	ug/L	98
16) Methylene chloride	3.036	84	35468	4.149	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	83955	4.601	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	35149	4.671	ug/L	92
19) 1,1-Dichloroethane	3.856	63	65116	4.442	ug/L	98
21) 2-Butanone	4.705	43	72632	39.807	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	39692	4.686	ug/L	95
23) Bromochloromethane	4.962	128	17277	4.693	ug/L #	86
25) Chloroform	5.075	83	72648	4.741	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062123.D
Acq On : 06 Dec 2024 10:17
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Dec 06 23:14:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	44641	4.528	ug/L		99
29) 1,1,1-Trichloroethane	5.303	97	68251	5.835	ug/L		96
30) Cyclohexane	5.377	56	55587	4.544	ug/L		95
31) Carbon tetrachloride	5.512	117	61096	6.152	ug/L		99
33) Benzene	5.763	78	149157	4.867	ug/L		100
34) Trichloroethene	6.531	95	42457	5.191	ug/L		99
35) Methylcyclohexane	6.753	83	62106	4.964	ug/L		95
37) 1,2-Dichloropropane	6.779	63	37221	4.675	ug/L		99
38) Bromodichloromethane	7.094	83	50687	5.250	ug/L		96
39) cis-1,3-Dichloropropene	7.599	75	58102	5.205	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	178834	41.631	ug/L	#	93
42) Toluene	7.959	91	162918	5.066	ug/L		98
44) trans-1,3-Dichloropropene	8.203	75	47621	5.372	ug/L		95
45) 1,1,2-Trichloroethane	8.390	97	27690	4.721	ug/L		95
47) Tetrachloroethene	8.544	164	32602	5.481	ug/L		96
48) 2-Hexanone	8.676	43	129832	40.356	ug/L	#	93
49) Dibromochloromethane	8.798	129	33322	5.378	ug/L		94
50) 1,2-Dibromoethane	8.914	107	26779	4.600	ug/L		97
51) Chlorobenzene	9.438	112	103803	4.713	ug/L		100
52) Ethylbenzene	9.560	91	182686	4.747	ug/L		99
53) m,p-Xylene	9.685	106	68781	5.065	ug/L		94
54) o-Xylene	10.090	106	66626	4.861	ug/L		97
55) Styrene	10.106	104	111401	4.933	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.772	83	33172	4.413	ug/L		99
59) Bromoform	10.280	173	19439	4.955	ug/L		98
60) Isopropylbenzene	10.476	105	183971	4.471	ug/L		100
61) 1,2,3-Trichloropropane	10.814	75	23160	3.797	ug/L		97
62) 1,3,5-Trimethylbenzene	11.078	105	156606	4.771	ug/L		100
63) 1,2,4-Trimethylbenzene	11.457	105	153353	4.686	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	83142	4.552	ug/L		100
65) 1,4-Dichlorobenzene	11.827	146	83689	4.734	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	77661	4.889	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5414	5.200	ug/L		93
69) 1,3,5-Trichlorobenzene	13.209	180	62599	5.760	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	47927	5.754	ug/L		93
71) Naphthalene	14.081	128	66430	4.948	ug/L		100
72) 1,2,3-Trichlorobenzene	14.322	180	40788	5.686	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062123.D
Acq On : 06 Dec 2024 10:17
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005173

Quant Time: Dec 06 23:14:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration