Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063185.D
Acq On : 06 Feb 2025 03:00
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Quant Time: Feb 06 08:12:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	86058	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	81783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	38540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18933	3.846	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.000%			
7) Chloroethane-d5	1.901	69	20487	4.484	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.557	65	8930	4.064	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.200%			
20) 2-Butanone-d5	4.605	46	74279	45.837	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.680%			
24) Chloroform-d	5.049	84	51868	4.766	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.689	65	26475	4.730	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	5.714	84	98267	4.606	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	6.679	67	32609	4.637	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.888	98	84402	4.479	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	8.171	79	11136	4.226	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.600%			
46) 2-Hexanone-d5	8.618	63	58344	43.990	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.980%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28488	4.589	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	30368	4.719	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	31995	4.291	ug/L	99
3) Chloromethane	1.515	50	37990	4.651	ug/L	100
5) Vinyl chloride	1.599	62	39215	4.743	ug/L	100
6) Bromomethane	1.843	94	15532	3.736	ug/L	97
8) Chloroethane	1.923	64	24051	4.829	ug/L	96
9) Trichlorofluoromethane	2.129	101	41789	4.500	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	23704	4.152	ug/L	97
12) 1,1-Dichloroethene	2.570	96	26669	4.768	ug/L	89
13) Acetone	2.611	43	48197	47.230	ug/L	99
14) Carbon disulfide	2.782	76	86709	4.415	ug/L	100
15) Methyl Acetate	2.939	43	13696	4.914	ug/L	95
16) Methylene chloride	3.033	84	32929	4.921	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	75728	4.913	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	28514	4.767	ug/L	99
19) 1,1-Dichloroethane	3.853	63	58369	4.854	ug/L	99
21) 2-Butanone	4.685	43	77360	45.658	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	35007	5.246	ug/L	99
23) Bromochloromethane	4.962	128	14843	4.959	ug/L	96
25) Chloroform	5.071	83	59733	5.047	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063185.D
Acq On : 06 Feb 2025 03:00
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Quant Time: Feb 06 08:12:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	40389	5.180	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	44969	4.645	ug/L	100
30) Cyclohexane	5.377	56	40063	3.910	ug/L	99
31) Carbon tetrachloride	5.512	117	36809	4.506	ug/L	99
33) Benzene	5.759	78	129266	4.803	ug/L	100
34) Trichloroethene	6.531	95	31252	4.572	ug/L	98
35) Methylcyclohexane	6.750	83	39262	3.833	ug/L	99
37) 1,2-Dichloropropane	6.779	63	35543	4.952	ug/L	100
38) Bromodichloromethane	7.094	83	42267	4.904	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	47936	4.683	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	201629	47.590	ug/L	100
42) Toluene	7.959	91	132030	4.694	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	39644	4.626	ug/L	97
45) 1,1,2-Trichloroethane	8.386	97	25616	4.832	ug/L	99
47) Tetrachloroethene	8.544	164	21950	4.572	ug/L	98
48) 2-Hexanone	8.669	43	142479	47.668	ug/L	99
49) Dibromochloromethane	8.798	129	26539	4.756	ug/L	99
50) 1,2-Dibromoethane	8.910	107	23643	4.862	ug/L	98
51) Chlorobenzene	9.438	112	81065	4.774	ug/L	98
52) Ethylbenzene	9.560	91	133100	4.524	ug/L	100
53) m,p-Xylene	9.682	106	48455	4.565	ug/L	99
54) o-Xylene	10.090	106	48736	4.631	ug/L	100
55) Styrene	10.103	104	82236	4.747	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	31610	4.645	ug/L	99
59) Bromoform	10.280	173	16233	4.885	ug/L	99
60) Isopropylbenzene	10.473	105	125278	4.577	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22197	4.773	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	98679	4.571	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	97167	4.681	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	57465	4.634	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	57359	4.601	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	55820	4.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4585	4.928	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	38354	4.527	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	29377	4.407	ug/L	98
71) Naphthalene	14.080	128	46288	4.231	ug/L	98
72) 1,2,3-Trichlorobenzene	14.318	180	27083	4.547	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063185.D
Acq On : 06 Feb 2025 03:00
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Quant Time: Feb 06 08:12:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration