Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060887.D
Acq On : 19 Sep 2024 10:20
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

Quant Time: Sep 19 23:51:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	145684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44377	3.406	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.200%			
7) Chloroethane-d5	1.911	69	36886	3.976	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.600%			
11) 1,1-Dichloroethene-d2	2.560	65	17945	3.886	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.800%			
20) 2-Butanone-d5	4.637	46	96925	46.339	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.680%			
24) Chloroform-d	5.055	84	91311	4.584	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.695	65	44225	4.645	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.721	84	172242	4.411	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.682	67	55066	4.558	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.891	98	163314	4.588	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.174	79	19497	4.483	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.627	63	84111	49.032	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.060%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44987	4.753	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	57741	4.605	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	48477	4.433	ug/L	99
3) Chloromethane	1.518	50	48621	4.209	ug/L	97
5) Vinyl chloride	1.602	62	54874	4.389	ug/L	98
6) Bromomethane	1.856	94	32683	4.091	ug/L	99
8) Chloroethane	1.930	64	34708	4.544	ug/L	100
9) Trichlorofluoromethane	2.136	101	84871	4.943	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41993	4.208	ug/L	94
12) 1,1-Dichloroethene	2.576	96	42948	4.713	ug/L	85
13) Acetone	2.660	43	62372	44.697	ug/L	91
14) Carbon disulfide	2.788	76	109955	4.350	ug/L	98
15) Methyl Acetate	2.962	43	16760	4.926	ug/L	91
16) Methylene chloride	3.042	84	52433	4.969	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	104854	5.091	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	41970	4.445	ug/L	99
19) 1,1-Dichloroethane	3.862	63	89980	4.746	ug/L	98
21) 2-Butanone	4.714	43	108147	47.609	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	50165	4.801	ug/L	97
23) Bromochloromethane	4.965	128	24604	4.985	ug/L	95
25) Chloroform	5.078	83	98784	4.997	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060887.D
Acq On : 19 Sep 2024 10:20
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

Quant Time: Sep 19 23:51:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57934	5.058	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	83406	5.303	ug/L		99
30) Cyclohexane	5.380	56	58429	4.520	ug/L		97
31) Carbon tetrachloride	5.515	117	74579	5.356	ug/L		99
33) Benzene	5.766	78	198240	4.949	ug/L		100
34) Trichloroethene	6.534	95	52167	4.968	ug/L		93
35) Methylcyclohexane	6.753	83	59375	4.121	ug/L		99
37) 1,2-Dichloropropane	6.782	63	54199	4.910	ug/L	#	96
38) Bromodichloromethane	7.097	83	67957	5.019	ug/L		96
39) cis-1,3-Dichloropropene	7.598	75	66882	4.556	ug/L		100
40) 4-Methyl-2-pentanone	7.785	43	266154	51.635	ug/L		99
42) Toluene	7.962	91	216081	5.159	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	59667	4.942	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	40258	5.052	ug/L		97
47) Tetrachloroethene	8.547	164	40377	4.838	ug/L		98
48) 2-Hexanone	8.679	43	181687	48.358	ug/L		96
49) Dibromochloromethane	8.801	129	47377	5.223	ug/L		96
50) 1,2-Dibromoethane	8.917	107	36176	5.087	ug/L	#	97
51) Chlorobenzene	9.438	112	139275	4.952	ug/L		98
52) Ethylbenzene	9.563	91	222021	5.035	ug/L		99
53) m,p-Xylene	9.685	106	85981	5.143	ug/L		99
54) o-Xylene	10.094	106	83871	5.084	ug/L		96
55) Styrene	10.106	104	142368	5.120	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.772	83	49953	5.026	ug/L		99
59) Bromoform	10.283	173	29559	5.256	ug/L		98
60) Isopropylbenzene	10.476	105	220134	4.978	ug/L		100
61) 1,2,3-Trichloropropane	10.814	75	33958	4.879	ug/L		97
62) 1,3,5-Trimethylbenzene	11.081	105	167741	4.880	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	167168	4.922	ug/L		100
64) 1,3-Dichlorobenzene	11.737	146	111187	5.000	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	109297	4.755	ug/L		95
67) 1,2-Dichlorobenzene	12.206	146	104165	4.954	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6722	4.946	ug/L		90
69) 1,3,5-Trichlorobenzene	13.212	180	76681	4.610	ug/L		97
70) 1,2,4-trichlorobenzene	13.833	180	56585	4.829	ug/L		99
71) Naphthalene	14.080	128	73014	4.725	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	50593	4.998	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060887.D
Acq On : 19 Sep 2024 10:20
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

Quant Time: Sep 19 23:51:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration