Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030724\
Data File : VU058002.D
Acq On : 06 Mar 2024 15:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Quant Time: Mar 07 03:59:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 07 03:58:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	135213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47444	4.611	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.200%			
7) Chloroethane-d5	1.904	69	41309	4.884	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.557	65	21482	4.824	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	4.612	46	94506	55.741	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.480%			
24) Chloroform-d	5.052	84	97943	5.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	5.695	65	46316	5.252	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	5.721	84	193560	4.912	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	6.685	67	59747	4.988	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.894	98	172736	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
43) trans-1,3-Dichloroprop...	8.177	79	20936	5.082	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.627	63	80415	58.144	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.280%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40472	5.510	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	56924	5.076	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	44253	5.107	ug/L	99
3) Chloromethane	1.518	50	50992	5.032	ug/L	100
5) Vinyl chloride	1.599	62	54727	5.021	ug/L	97
6) Bromomethane	1.850	94	28470	4.959	ug/L	98
8) Chloroethane	1.927	64	35105	5.115	ug/L	94
9) Trichlorofluoromethane	2.133	101	80320	5.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50423	5.194	ug/L	99
12) 1,1-Dichloroethene	2.573	96	44102	5.111	ug/L	89
13) Acetone	2.612	43	68286	54.120	ug/L	98
14) Carbon disulfide	2.785	76	128111	4.801	ug/L	100
15) Methyl Acetate	2.943	43	15235	5.441	ug/L	95
16) Methylene chloride	3.036	84	51621	4.922	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	106069	5.198	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	46358	4.932	ug/L	97
19) 1,1-Dichloroethane	3.859	63	97491	5.200	ug/L	99
21) 2-Butanone	4.689	43	103476	52.047	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	53131	5.138	ug/L	96
23) Bromochloromethane	4.965	128	20556	5.354	ug/L	93
25) Chloroform	5.078	83	101836	5.320	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030724\
Data File : VU058002.D
Acq On : 06 Mar 2024 15:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Quant Time: Mar 07 03:59:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 07 03:58:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	56689	5.349	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	83311	5.177	ug/L	98
30) Cyclohexane	5.380	56	78810	4.850	ug/L	99
31) Carbon tetrachloride	5.518	117	70706	5.056	ug/L	98
33) Benzene	5.766	78	213732	5.151	ug/L	100
34) Trichloroethene	6.538	95	54403	4.983	ug/L	98
35) Methylcyclohexane	6.756	83	83188	4.971	ug/L	100
37) 1,2-Dichloropropane	6.785	63	55063	5.147	ug/L	98
38) Bromodichloromethane	7.100	83	67295	5.184	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	77286	5.243	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	264807	53.803	ug/L	99
42) Toluene	7.965	91	223111	5.163	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	60045	5.111	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	32762	5.164	ug/L	99
47) Tetrachloroethene	8.550	164	37873	5.000	ug/L	98
48) 2-Hexanone	8.679	43	194765	53.960	ug/L	99
49) Dibromochloromethane	8.804	129	39718	5.289	ug/L	100
50) 1,2-Dibromoethane	8.920	107	30618	5.438	ug/L	96
51) Chlorobenzene	9.444	112	137127	5.061	ug/L	98
52) Ethylbenzene	9.566	91	245332	5.074	ug/L	100
53) m,p-Xylene	9.689	106	86577	5.012	ug/L	98
54) o-Xylene	10.097	106	85420	4.961	ug/L	98
55) Styrene	10.110	104	141536	5.237	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	41265	5.522	ug/L	96
59) Bromoform	10.287	173	19620	5.166	ug/L	96
60) Isopropylbenzene	10.480	105	226018	4.983	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	28742	5.152	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	189328	4.949	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	189762	5.026	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	105281	5.107	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	100157	4.964	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	91258	5.070	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	5963	5.388	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	73536	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	54334	4.877	ug/L	99
71) Naphthalene	14.087	128	71703	4.712	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	43912	4.989	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030724\
Data File : VU058002.D
Acq On : 06 Mar 2024 15:36
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Quant Time: Mar 07 03:59:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 07 03:58:14 2024
Response via : Initial Calibration