Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056156.D
Acq On : 09 Nov 2023 21:42
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Nov 09 23:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 09 21:34:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	386386	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	379399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	196646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101323	4.225	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.907	69	72769	4.471	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.400%			
11) 1,1-Dichloroethene-d2	2.563	65	46928	4.441	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.800%			
20) 2-Butanone-d5	4.621	46	210201	53.425	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.840%			
24) Chloroform-d	5.058	84	215788	4.727	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.695	65	94106	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.721	84	433702	4.760	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	6.685	67	128915	4.806	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.200%			
41) Toluene-d8	7.894	98	395695	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	8.177	79	47070	4.591	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.631	63	190879	56.800	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.600%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95661	4.997	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	138692	4.573	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	155340	4.741	ug/L	98
3) Chloromethane	1.515	50	136707	4.453	ug/L	98
5) Vinyl chloride	1.602	62	147624	4.649	ug/L	100
6) Bromomethane	1.853	94	72296	3.964	ug/L	100
8) Chloroethane	1.927	64	83264	4.836	ug/L	96
9) Trichlorofluoromethane	2.133	101	199809	4.757	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	130107	4.863	ug/L	98
12) 1,1-Dichloroethene	2.576	96	119525	4.813	ug/L	98
13) Acetone	2.628	43	137487	47.382	ug/L	96
14) Carbon disulfide	2.788	76	383666	4.534	ug/L	100
15) Methyl Acetate	2.946	43	39073	4.772	ug/L	97
16) Methylene chloride	3.039	84	129970	4.564	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	269994	4.826	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	127619	4.849	ug/L	98
19) 1,1-Dichloroethane	3.862	63	228522	4.761	ug/L	97
21) 2-Butanone	4.698	43	244129	51.016	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	136422	4.802	ug/L	99
23) Bromochloromethane	4.968	128	58475	4.639	ug/L	99
25) Chloroform	5.081	83	247398	4.837	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056156.D
Acq On : 09 Nov 2023 21:42
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Nov 09 23:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 09 21:34:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	135145	4.668	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	209496	4.820	ug/L	99
30) Cyclohexane	5.383	56	193362	4.762	ug/L	97
31) Carbon tetrachloride	5.518	117	183952	4.766	ug/L	100
33) Benzene	5.769	78	524162	4.825	ug/L	100
34) Trichloroethene	6.538	95	142500	4.802	ug/L	97
35) Methylcyclohexane	6.759	83	212336	4.815	ug/L	98
37) 1,2-Dichloropropane	6.785	63	131508	4.655	ug/L	100
38) Bromodichloromethane	7.100	83	166782	4.728	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	187562	4.704	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	619401	50.126	ug/L	100
42) Toluene	7.965	91	565744	4.940	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	152125	4.712	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	93647	4.849	ug/L	98
47) Tetrachloroethene	8.547	164	109169	4.902	ug/L	96
48) 2-Hexanone	8.679	43	453957	50.457	ug/L	98
49) Dibromochloromethane	8.804	129	104751	4.727	ug/L	98
50) 1,2-Dibromoethane	8.920	107	89388	4.953	ug/L	98
51) Chlorobenzene	9.444	112	353534	4.785	ug/L	100
52) Ethylbenzene	9.566	91	613457	4.915	ug/L	99
53) m,p-Xylene	9.692	106	237243	4.998	ug/L	99
54) o-Xylene	10.097	106	225599	4.958	ug/L	94
55) Styrene	10.110	104	387378	5.204	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	110260	4.858	ug/L	99
59) Bromoform	10.287	173	62295	4.561	ug/L	99
60) Isopropylbenzene	10.479	105	607902	4.768	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	79413	4.678	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	489221	4.731	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	490897	4.840	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	289318	4.791	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	281735	4.718	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	262986	4.726	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16023	4.475	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	216300	4.783	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	175230	4.884	ug/L	99
71) Naphthalene	14.084	128	260657	4.898	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	151740	4.824	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056156.D
Acq On : 09 Nov 2023 21:42
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Nov 09 23:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 09 21:34:15 2023
Response via : Initial Calibration