Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025892.D
Acq On : 08 May 2023 20:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 09 03:01:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	561663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517372	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	243020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	174268	21.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.600%			
7) Chloroethane-d5	2.899	69	152211	25.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.200%			
11) 1,1-Dichloroethene-d2	4.027	65	88239	22.140	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.560%			
21) 2-Butanone-d5	7.075	46	139727	53.104	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.200%			
24) Chloroform-d	7.648	84	398742	24.620	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.480%			
26) 1,2-Dichloroethane-d4	8.307	65	228781	24.981	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.920%			
32) Benzene-d6	8.270	84	806969	23.870	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.480%			
36) 1,2-Dichloropropane-d6	9.270	67	262963	24.312	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.240%			
41) Toluene-d8	10.325	98	716757	23.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.120%			
43) trans-1,3-Dichloroprop...	10.575	79	98474	22.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.840%			
47) 2-Hexanone-d5	10.922	63	97737	52.991	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212468	25.772	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	215742	24.353	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	142424	22.697	ug/L	98
3) Chloromethane	2.223	50	232079	25.084	ug/L	100
5) Vinyl chloride	2.375	62	208851	21.809	ug/L	100
6) Bromomethane	2.789	94	130115	24.981	ug/L	95
8) Chloroethane	2.930	64	138510	25.436	ug/L	100
9) Trichlorofluoromethane	3.265	101	143605	19.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	188710	24.009	ug/L #	87
12) 1,1-Dichloroethene	4.045	96	172668	22.987	ug/L	93
13) Acetone	4.119	43	92347	39.581	ug/L	97
14) Carbon disulfide	4.393	76	559761	22.035	ug/L	99
15) Methyl Acetate	4.673	43	117412	25.537	ug/L	100
16) Methylene chloride	4.917	84	208239	17.978	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	192304	23.467	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	303552	24.406	ug/L	100
19) 1,1-Dichloroethane	6.216	63	406196	24.126	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	211158	24.018	ug/L	97
22) 2-Butanone	7.167	43	154484	47.953	ug/L	98
23) Bromochloromethane	7.514	128	89998	24.164	ug/L	96
25) Chloroform	7.673	83	381108	24.629	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025892.D
Acq On : 08 May 2023 20:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 09 03:01:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	271674	24.721	ug/L		99
29) Cyclohexane	7.959	56	352818	22.006	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	288524	22.803	ug/L		99
31) Carbon tetrachloride	8.069	117	255429	22.432	ug/L		100
33) Benzene	8.325	78	859154	24.002	ug/L		100
34) Trichloroethene	9.093	95	212727	23.160	ug/L		97
35) Methylcyclohexane	9.337	83	361583	22.134	ug/L		99
37) 1,2-Dichloropropane	9.368	63	236422	24.108	ug/L		99
38) Bromodichloromethane	9.648	83	269068	23.915	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	329688	22.924	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	327062	51.237	ug/L		99
42) Toluene	10.386	91	871911	23.840	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	274287	23.017	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	162118	24.713	ug/L		95
46) Tetrachloroethene	10.861	164	147829	22.877	ug/L		91
48) 2-Hexanone	10.965	43	220207	48.155	ug/L		98
49) Dibromochloromethane	11.123	129	160266	23.598	ug/L		94
50) 1,2-Dibromoethane	11.233	107	146054	24.151	ug/L		100
51) Chlorobenzene	11.654	112	532139	23.486	ug/L		98
52) Ethylbenzene	11.727	91	957677	23.278	ug/L		100
53) m,p-Xylene	11.837	106	356146	23.521	ug/L		91
54) o-Xylene	12.166	106	339926	23.818	ug/L		92
55) Styrene	12.178	104	581535	23.806	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	203905	24.911	ug/L	#	97
59) Bromoform	12.349	173	94796	26.335	ug/L		99
60) Isopropylbenzene	12.458	105	909736	24.627	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	150059	26.127	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	719562	24.593	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	650741	24.102	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	382147	24.031	ug/L		97
65) 1,4-Dichlorobenzene	13.580	146	368021	22.907	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	353230	24.907	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.483	75	32607	24.483	ug/L		88
69) 1,3,5-Trichlorobenzene	14.623	180	199129	18.865	ug/L		95
70) 1,2,4-trichlorobenzene	15.123	180	153198	17.324	ug/L		94
71) Naphthalene	15.360	128	343889	20.603	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	152772	19.470	ug/L		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025892.D
Acq On : 08 May 2023 20:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 09 03:01:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration