Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026845.D
Acq On : 24 Aug 2023 03:22
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: Aug 24 04:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	414400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	223846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	129115	18.953	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.800%			
7) Chloroethane-d5	2.899	69	103041	20.341	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.360%			
11) 1,1-Dichloroethene-d2	4.033	65	68988	20.590	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.360%			
21) 2-Butanone-d5	7.081	46	77609	39.637	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.280%			
24) Chloroform-d	7.648	84	344098	24.740	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.960%			
26) 1,2-Dichloroethane-d4	8.307	65	188433	24.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	8.276	84	686438	24.549	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.200%			
36) 1,2-Dichloropropane-d6	9.270	67	203452	23.359	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.440%			
41) Toluene-d8	10.325	98	615372	25.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.560%			
43) trans-1,3-Dichloroprop...	10.575	79	82396	22.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.640%			
47) 2-Hexanone-d5	10.922	63	43864	47.928	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.860%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172996	25.150	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	217629	27.163	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	128523	22.811	ug/L	97
3) Chloromethane	2.223	50	129350	16.789	ug/L	99
5) Vinyl chloride	2.375	62	140921	19.134	ug/L	99
6) Bromomethane	2.789	94	89947	20.962	ug/L	100
8) Chloroethane	2.936	64	85641	19.406	ug/L	99
9) Trichlorofluoromethane	3.265	101	121473	20.097	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	140446	21.511	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	138271	22.574	ug/L	89
13) Acetone	4.125	43	55678	28.600	ug/L	91
14) Carbon disulfide	4.399	76	419248	19.026	ug/L	97
15) Methyl Acetate	4.673	43	78347	20.091	ug/L	95
16) Methylene chloride	4.923	84	183518	22.893	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	159933	23.399	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	263549	25.483	ug/L	98
19) 1,1-Dichloroethane	6.216	63	325497	23.138	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	177360	24.141	ug/L	97
22) 2-Butanone	7.173	43	96965	33.797	ug/L	95
23) Bromochloromethane	7.514	128	81047	25.538	ug/L #	81
25) Chloroform	7.673	83	328622	24.180	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026845.D
Acq On : 24 Aug 2023 03:22
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: Aug 24 04:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	233218	24.598	ug/L	98
29) Cyclohexane	7.959	56	265761	21.181	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	263077	24.845	ug/L	97
31) Carbon tetrachloride	8.069	117	235444	24.319	ug/L	94
33) Benzene	8.325	78	714387	24.179	ug/L	100
34) Trichloroethene	9.093	95	181287	24.091	ug/L	98
35) Methylcyclohexane	9.331	83	297993	23.148	ug/L	96
37) 1,2-Dichloropropane	9.368	63	191607	23.676	ug/L	98
38) Bromodichloromethane	9.642	83	236537	24.915	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	278458	23.918	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	229876	43.668	ug/L	96
42) Toluene	10.386	91	767660	25.684	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	241328	24.083	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	139929	25.282	ug/L	96
46) Tetrachloroethene	10.855	164	136672	25.000	ug/L	94
48) 2-Hexanone	10.965	43	152550	42.588	ug/L	93
49) Dibromochloromethane	11.123	129	149878	25.891	ug/L	93
50) 1,2-Dibromoethane	11.233	107	126149	24.291	ug/L	100
51) Chlorobenzene	11.654	112	492750	26.100	ug/L	99
52) Ethylbenzene	11.727	91	896890	26.759	ug/L	99
53) m,p-Xylene	11.837	106	340641	27.434	ug/L	94
54) o-Xylene	12.166	106	317033	27.357	ug/L	93
55) Styrene	12.178	104	573151	28.445	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	173793	24.794	ug/L	98
59) Bromoform	12.349	173	91074	25.973	ug/L	96
60) Isopropylbenzene	12.459	105	898677	27.003	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	127263	23.438	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	734460	27.921	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	739458	28.687	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	379045	26.188	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	389828	25.808	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	362044	27.507	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	29389	22.451	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	267158	27.321	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	226774	27.353	ug/L	96
71) Naphthalene	15.360	128	447355	28.287	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	208526	27.886	ug/L	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026845.D
Acq On : 24 Aug 2023 03:22
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: Aug 24 04:51:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration