Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027718.D
Acq On : 18 Dec 2023 09:17
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Quant Time: Dec 18 22:12:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	382141	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	336433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	115609	21.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.440%			
7) Chloroethane-d5	2.899	69	94292	22.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.520%			
11) 1,1-Dichloroethene-d2	4.021	65	48182	22.229	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.920%			
21) 2-Butanone-d5	7.081	46	47205	51.222	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.440%			
24) Chloroform-d	7.648	84	221915	24.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	8.307	65	104623	24.505	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	8.276	84	478634	24.343	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.360%			
36) 1,2-Dichloropropane-d6	9.270	67	136910	24.578	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.320%			
41) Toluene-d8	10.318	98	435754	23.887	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.560%			
43) trans-1,3-Dichloroprop...	10.575	79	55190	25.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.360%			
47) 2-Hexanone-d5	10.922	63	44209	54.460	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108862	25.842	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	151776	24.974	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	95012	21.362	ug/L	98
3) Chloromethane	2.222	50	117969	22.518	ug/L	98
5) Vinyl chloride	2.375	62	140271	22.506	ug/L	100
6) Bromomethane	2.795	94	92255	23.255	ug/L	90
8) Chloroethane	2.936	64	82912	22.250	ug/L	97
9) Trichlorofluoromethane	3.271	101	127540	22.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107681	22.519	ug/L #	79
12) 1,1-Dichloroethene	4.045	96	112688	24.074	ug/L	97
13) Acetone	4.137	43	45993	54.977	ug/L	96
14) Carbon disulfide	4.387	76	361818	23.008	ug/L	99
15) Methyl Acetate	4.679	43	35739	23.646	ug/L	98
16) Methylene chloride	4.917	84	117993	19.692	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	116895	23.616	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	151206	23.105	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196361	23.329	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	124026	23.803	ug/L	95
22) 2-Butanone	7.179	43	55549	50.002	ug/L	97
23) Bromochloromethane	7.520	128	52974	24.077	ug/L	95
25) Chloroform	7.679	83	195170	23.545	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027718.D
Acq On : 18 Dec 2023 09:17
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Quant Time: Dec 18 22:12:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118089	24.298	ug/L	99
29) Cyclohexane	7.959	56	180985	22.736	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	164175	23.361	ug/L	98
31) Carbon tetrachloride	8.063	117	146164	23.633	ug/L	97
33) Benzene	8.325	78	463213	23.751	ug/L	100
34) Trichloroethene	9.093	95	126086	23.718	ug/L	95
35) Methylcyclohexane	9.331	83	222744	23.231	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110616	23.496	ug/L	100
38) Bromodichloromethane	9.642	83	136553	23.864	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	176219	24.558	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	104138	50.610	ug/L	100
42) Toluene	10.386	91	495319	23.604	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140333	24.835	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	83722	24.020	ug/L	97
46) Tetrachloroethene	10.861	164	101928	24.011	ug/L	91
48) 2-Hexanone	10.965	43	82728	54.016	ug/L	98
49) Dibromochloromethane	11.129	129	90040	24.699	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78236	23.619	ug/L	92
51) Chlorobenzene	11.654	112	314750	23.477	ug/L	92
52) Ethylbenzene	11.727	91	562056	23.769	ug/L	98
53) m,p-Xylene	11.836	106	220640	24.292	ug/L	99
54) o-Xylene	12.160	106	204176	24.141	ug/L	91
55) Styrene	12.178	104	350707	24.598	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	96519	24.293	ug/L	98
59) Bromoform	12.349	173	52819	25.416	ug/L	98
60) Isopropylbenzene	12.458	105	565539	23.602	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67154	23.732	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	463848	24.216	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	449157	23.821	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	249398	24.086	ug/L	85
65) 1,4-Dichlorobenzene	13.574	146	246028	23.655	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	218318	24.247	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13638	24.126	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	168656	23.409	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	136538	23.077	ug/L	95
71) Naphthalene	15.360	128	256777	24.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	119840	24.225	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027718.D
Acq On : 18 Dec 2023 09:17
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Quant Time: Dec 18 22:12:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration