Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
Data File : VW026720.D
Acq On : 11 Aug 2023 19:12
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Quant Time: Aug 12 00:46:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 12 00:39:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	527905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	532575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	291437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157515	18.151	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.600%			
7) Chloroethane-d5	2.893	69	129399	20.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.200%			
11) 1,1-Dichloroethene-d2	4.033	65	90520	21.208	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.840%			
21) 2-Butanone-d5	7.075	46	125889	50.471	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.940%			
24) Chloroform-d	7.648	84	440370	24.854	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.400%			
26) 1,2-Dichloroethane-d4	8.307	65	256591	26.242	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.960%			
32) Benzene-d6	8.276	84	902327	24.583	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.320%			
36) 1,2-Dichloropropane-d6	9.270	67	286618	25.069	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.280%			
41) Toluene-d8	10.325	98	782903	24.848	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.400%			
43) trans-1,3-Dichloroprop...	10.575	79	112631	23.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.440%			
47) 2-Hexanone-d5	10.922	63	64226	53.461	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238483	26.413	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.640%			
66) 1,2-Dichlorobenzene-d4	13.848	152	255944	24.536	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	152417	21.235	ug/L	94
3) Chloromethane	2.228	50	222409	22.661	ug/L	99
5) Vinyl chloride	2.375	62	173293	18.470	ug/L	99
6) Bromomethane	2.783	94	109413	20.016	ug/L	98
8) Chloroethane	2.930	64	108477	19.296	ug/L	96
9) Trichlorofluoromethane	3.265	101	152474	19.802	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	177235	21.310	ug/L	94
12) 1,1-Dichloroethene	4.051	96	169827	21.765	ug/L	96
13) Acetone	4.118	43	82790	33.382	ug/L	96
14) Carbon disulfide	4.393	76	613726	21.863	ug/L	100
15) Methyl Acetate	4.667	43	125660	25.295	ug/L	99
16) Methylene chloride	4.923	84	229879	22.511	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	200159	22.988	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	319970	24.287	ug/L	100
19) 1,1-Dichloroethane	6.216	63	423950	23.657	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	222689	23.794	ug/L	99
22) 2-Butanone	7.173	43	164277	44.948	ug/L	99
23) Bromochloromethane	7.508	128	94297	23.325	ug/L	94
25) Chloroform	7.673	83	405352	23.413	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
Data File : VW026720.D
Acq On : 11 Aug 2023 19:12
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Quant Time: Aug 12 00:46:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 12 00:39:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	297456	24.628	ug/L	99
29) Cyclohexane	7.959	56	349112	21.197	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	299688	21.561	ug/L	99
31) Carbon tetrachloride	8.069	117	266893	21.001	ug/L	95
33) Benzene	8.319	78	902436	23.269	ug/L	100
34) Trichloroethene	9.093	95	219706	22.242	ug/L	98
35) Methylcyclohexane	9.337	83	367174	21.729	ug/L	99
37) 1,2-Dichloropropane	9.367	63	249827	23.517	ug/L	99
38) Bromodichloromethane	9.642	83	290989	23.350	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	346592	22.679	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	350364	50.704	ug/L	99
42) Toluene	10.386	91	917381	23.383	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	301804	22.944	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	176197	24.252	ug/L	98
46) Tetrachloroethene	10.861	164	151761	21.148	ug/L	86
48) 2-Hexanone	10.965	43	238260	50.673	ug/L	99
49) Dibromochloromethane	11.129	129	180099	23.701	ug/L	91
50) 1,2-Dibromoethane	11.233	107	158498	23.250	ug/L	99
51) Chlorobenzene	11.654	112	566395	22.855	ug/L	96
52) Ethylbenzene	11.727	91	1026691	23.336	ug/L	96
53) m,p-Xylene	11.836	106	385943	23.679	ug/L	94
54) o-Xylene	12.166	106	361091	23.737	ug/L	98
55) Styrene	12.178	104	656358	24.816	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	222374	24.168	ug/L	97
59) Bromoform	12.349	173	105456	23.099	ug/L	99
60) Isopropylbenzene	12.464	105	972090	22.435	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	166282	23.522	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	806235	23.541	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	786674	23.440	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	429166	22.775	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	431517	21.943	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	388810	22.690	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	38433	22.551	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	260745	20.481	ug/L	98
70) 1,2,4-trichlorobenzene	15.135	180	219471	20.333	ug/L	94
71) Naphthalene	15.360	128	475978	23.117	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	212618	21.839	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
Data File : VW026720.D
Acq On : 11 Aug 2023 19:12
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Quant Time: Aug 12 00:46:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 12 00:39:51 2023
Response via : Initial Calibration