Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
Data File : VW026088.D
Acq On : 30 May 2023 14:53
Operator : SY/MD
Sample : 02960-05MS
Misc : 6.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : H0FN8MS

Quant Time: May 31 02:10:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:56:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1110442	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	971512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	463460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	363736	23.284	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.120%			
7) Chloroethane-d5	2.893	69	292516	25.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.040%			
11) 1,1-Dichloroethene-d2	4.027	65	175087	22.730	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.920%			
21) 2-Butanone-d5	7.075	46	254273	55.909	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.820%			
24) Chloroform-d	7.648	84	735124	22.607	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.440%			
26) 1,2-Dichloroethane-d4	8.301	65	413115	23.233	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.920%			
32) Benzene-d6	8.270	84	1499169	22.933	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.720%			
36) 1,2-Dichloropropane-d6	9.270	67	481403	23.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.960%			
41) Toluene-d8	10.318	98	1308181	22.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.240%			
43) trans-1,3-Dichloroprop...	10.575	79	191051	23.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.120%			
47) 2-Hexanone-d5	10.922	63	180116	55.156	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	384199	25.493	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	400689	22.588	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	263697	19.372	ug/L	97
3) Chloromethane	2.228	50	361924	20.735	ug/L	99
5) Vinyl chloride	2.375	62	375171	20.109	ug/L	99
6) Bromomethane	2.783	94	206047	20.258	ug/L	100
8) Chloroethane	2.930	64	218418	21.664	ug/L	98
9) Trichlorofluoromethane	3.265	101	219406	18.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	295179	19.489	ug/L	97
12) 1,1-Dichloroethene	4.045	96	279760	19.787	ug/L	95
13) Acetone	4.118	43	207150	58.864	ug/L	97
14) Carbon disulfide	4.393	76	967135	19.378	ug/L	100
15) Methyl Acetate	4.667	43	179981	22.788	ug/L	100
16) Methylene chloride	4.917	84	336913	19.009	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	307136	19.362	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	523391	20.935	ug/L	100
19) 1,1-Dichloroethane	6.216	63	625009	19.354	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	332689	19.800	ug/L	98
22) 2-Butanone	7.167	43	284764	56.726	ug/L	97
23) Bromochloromethane	7.514	128	140168	19.560	ug/L	93
25) Chloroform	7.673	83	579089	19.252	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
Data File : VW026088.D
Acq On : 30 May 2023 14:53
Operator : SY/MD
Sample : 02960-05MS
Misc : 6.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0FN8MS

Quant Time: May 31 02:10:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:56:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	425993	20.535	ug/L	98
29) Cyclohexane	7.953	56	605852	20.199	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	450517	19.109	ug/L	99
31) Carbon tetrachloride	8.063	117	407190	18.927	ug/L	98
33) Benzene	8.325	78	1317864	19.802	ug/L	100
34) Trichloroethene	9.093	95	323189	18.965	ug/L	97
35) Methylcyclohexane	9.331	83	589226	19.540	ug/L	100
37) 1,2-Dichloropropane	9.367	63	357111	19.811	ug/L	100
38) Bromodichloromethane	9.642	83	416764	19.901	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	559832	21.134	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	533960	50.243	ug/L	100
42) Toluene	10.386	91	1343727	19.740	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	467602	21.189	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	244933	20.617	ug/L	97
46) Tetrachloroethene	10.861	164	235012	19.497	ug/L	96
48) 2-Hexanone	10.965	43	413658	55.203	ug/L	98
49) Dibromochloromethane	11.123	129	261107	20.963	ug/L	93
50) 1,2-Dibromoethane	11.233	107	233074	21.188	ug/L	100
51) Chlorobenzene	11.654	112	822834	19.290	ug/L	97
52) Ethylbenzene	11.727	91	1524689	19.856	ug/L	100
53) m,p-Xylene	11.837	106	564118	19.748	ug/L	96
54) o-Xylene	12.160	106	543051	20.142	ug/L	99
55) Styrene	12.178	104	922604	19.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	314060	21.844	ug/L	97
59) Bromoform	12.349	173	150825	21.667	ug/L	99
60) Isopropylbenzene	12.458	105	1474856	20.257	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	231376	22.288	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1167253	20.168	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1080546	20.384	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	589274	19.250	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	592554	19.226	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	531771	19.345	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	49674	20.653	ug/L	97
69) 1,3,5-Trichlorobenzene	14.617	180	366077	17.409	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	328635	18.940	ug/L	93
71) Naphthalene	15.360	128	661465	21.389	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	270188	17.817	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
Data File : VW026088.D
Acq On : 30 May 2023 14:53
Operator : SY/MD
Sample : 02960-05MS
Misc : 6.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0FN8MS

Quant Time: May 31 02:10:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:56:06 2023
Response via : Initial Calibration