Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026694.D
Acq On : 10 Aug 2023 22:08
Operator : SY/MD
Sample : 03970-03MSD
Misc : 5.50g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A48H5MSD

Quant Time: Aug 11 02:05:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	646006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	303204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	286071	24.704	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.800%			
7) Chloroethane-d5	2.893	69	215021	24.971	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.880%			
11) 1,1-Dichloroethene-d2	4.021	65	136169	23.909	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.640%			
21) 2-Butanone-d5	7.075	46	144938	43.548	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.100%			
24) Chloroform-d	7.648	84	613999	25.971	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.880%			
26) 1,2-Dichloroethane-d4	8.307	65	351635	26.952	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.800%			
32) Benzene-d6	8.276	84	1238489	27.817	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.280%			
36) 1,2-Dichloropropane-d6	9.270	67	389430	28.081	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.320%			
41) Toluene-d8	10.325	98	1063533	27.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.320%			
43) trans-1,3-Dichloroprop...	10.575	79	147227	25.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.840%			
47) 2-Hexanone-d5	10.922	63	72857	49.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	308261	28.146	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.600%			
66) 1,2-Dichlorobenzene-d4	13.849	152	278787	25.689	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	195665	20.430	ug/L #	81
3) Chloromethane	2.223	50	298254	22.774	ug/L	98
5) Vinyl chloride	2.375	62	291801	23.308	ug/L	100
6) Bromomethane	2.783	94	133685	18.328	ug/L	98
8) Chloroethane	2.930	64	167098	22.275	ug/L	96
9) Trichlorofluoromethane	3.265	101	231257	22.508	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	238609	21.500	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	235276	22.597	ug/L	86
13) Acetone	4.119	43	114628	34.639	ug/L	99
14) Carbon disulfide	4.393	76	758269	20.244	ug/L	99
15) Methyl Acetate	4.667	43	128615	19.402	ug/L	98
16) Methylene chloride	4.923	84	262207	19.243	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	258708	22.267	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	444307	25.274	ug/L	99
19) 1,1-Dichloroethane	6.216	63	552696	23.113	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	285853	22.890	ug/L	99
22) 2-Butanone	7.167	43	204514	41.936	ug/L	98
23) Bromochloromethane	7.508	128	125759	23.312	ug/L	96
25) Chloroform	7.679	83	521511	22.575	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026694.D
Acq On : 10 Aug 2023 22:08
Operator : SY/MD
Sample : 03970-03MSD
Misc : 5.50g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A48H5MSD

Quant Time: Aug 11 02:05:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	376621	23.369	ug/L	100
29) Cyclohexane	7.959	56	473290	23.691	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	405152	24.031	ug/L	99
31) Carbon tetrachloride	8.069	117	363329	23.569	ug/L	96
33) Benzene	8.319	78	1156663	24.587	ug/L	100
34) Trichloroethene	9.087	95	281164	23.466	ug/L	96
35) Methylcyclohexane	9.337	83	432797	21.115	ug/L	100
37) 1,2-Dichloropropane	9.368	63	316773	24.583	ug/L	100
38) Bromodichloromethane	9.642	83	368866	24.402	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	423484	22.845	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	427265	50.975	ug/L	99
42) Toluene	10.386	91	1154761	24.265	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	369033	23.129	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	219580	24.916	ug/L	97
46) Tetrachloroethene	10.855	164	188649	21.672	ug/L	97
48) 2-Hexanone	10.965	43	273310	47.921	ug/L	98
49) Dibromochloromethane	11.130	129	226248	24.546	ug/L	87
50) 1,2-Dibromoethane	11.233	107	202259	24.460	ug/L	95
51) Chlorobenzene	11.654	112	676337	22.499	ug/L	93
52) Ethylbenzene	11.727	91	1241469	23.263	ug/L	96
53) m,p-Xylene	11.837	106	463671	23.453	ug/L	93
54) o-Xylene	12.166	106	445261	24.131	ug/L	99
55) Styrene	12.178	104	679944	21.193	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	267790	23.994	ug/L	97
59) Bromoform	12.349	173	133575	28.123	ug/L	97
60) Isopropylbenzene	12.459	105	1153786	25.595	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	203353	27.649	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	912106	25.599	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	915917	26.232	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	445129	22.705	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	455949	22.285	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	408036	22.888	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	44343	25.009	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	233073	17.597	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	174012	15.495	ug/L	96
71) Naphthalene	15.361	128	419830	19.599	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	146756	14.489	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026694.D
Acq On : 10 Aug 2023 22:08
Operator : SY/MD
Sample : 03970-03MSD
Misc : 5.50g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A48H5MSD

Quant Time: Aug 11 02:05:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration