Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026912.D
Acq On : 25 Aug 2023 23:03
Operator : SY/MD
Sample : 04157-14MS
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHV4MS

Quant Time: Aug 28 01:05:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	328610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	107952	19.510	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.040%			
7) Chloroethane-d5	2.893	69	85518	20.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.120%			
11) 1,1-Dichloroethene-d2	4.027	65	54940	20.188	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.760%			
21) 2-Butanone-d5	7.075	46	137683	86.574	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 173.140%#			
24) Chloroform-d	7.648	84	270218	23.919	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.680%			
26) 1,2-Dichloroethane-d4	8.307	65	175038	28.077	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.320%			
32) Benzene-d6	8.270	84	492222	21.734	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.920%			
36) 1,2-Dichloropropane-d6	9.270	67	163747	23.212	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.840%			
41) Toluene-d8	10.325	98	427255	21.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.920%			
43) trans-1,3-Dichloroprop...	10.575	79	71911	24.689	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.760%			
47) 2-Hexanone-d5	10.922	63	66100	89.172	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 178.340%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183244	32.892	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.560%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	159082	23.161	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80399	17.568	ug/L	92
3) Chloromethane	2.228	50	104048	16.627	ug/L	96
5) Vinyl chloride	2.375	62	102893	17.200	ug/L	96
6) Bromomethane	2.783	94	55292	15.864	ug/L	98
8) Chloroethane	2.930	64	59883	16.706	ug/L	93
9) Trichlorofluoromethane	3.265	101	88222	17.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	97878	18.457	ug/L	99
12) 1,1-Dichloroethene	4.051	96	89162	17.922	ug/L	82
13) Acetone	4.124	43	77244	48.849	ug/L	97
14) Carbon disulfide	4.393	76	263705	14.733	ug/L	97
15) Methyl Acetate	4.667	43	102884	32.481	ug/L	99
16) Methylene chloride	4.923	84	125057	19.207	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	97862	17.627	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	203331	24.205	ug/L	98
19) 1,1-Dichloroethane	6.216	63	223382	19.550	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	113300	18.987	ug/L	95
22) 2-Butanone	7.173	43	140091	60.116	ug/L	98
23) Bromochloromethane	7.514	128	51912	20.139	ug/L	90
25) Chloroform	7.679	83	217037	19.661	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026912.D
Acq On : 25 Aug 2023 23:03
Operator : SY/MD
Sample : 04157-14MS
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHV4MS

Quant Time: Aug 28 01:05:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181062	23.512	ug/L		97
29) Cyclohexane	7.959	56	184688	18.174	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	171995	20.055	ug/L		98
31) Carbon tetrachloride	8.069	117	158544	20.219	ug/L		95
33) Benzene	8.325	78	456576	19.079	ug/L		100
34) Trichloroethene	9.093	95	110612	18.149	ug/L		97
35) Methylcyclohexane	9.337	83	187991	18.030	ug/L		98
37) 1,2-Dichloropropane	9.367	63	129763	19.797	ug/L		100
38) Bromodichloromethane	9.642	83	159682	20.767	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	190309	20.182	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	289733	67.954	ug/L		97
42) Toluene	10.386	91	477294	19.717	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	179121	22.069	ug/L		98
45) 1,1,2-Trichloroethane	10.788	97	102392	22.841	ug/L		97
46) Tetrachloroethene	10.861	164	81911	18.499	ug/L		97
48) 2-Hexanone	10.965	43	209643	72.261	ug/L		98
49) Dibromochloromethane	11.123	129	104696	22.330	ug/L		87
50) 1,2-Dibromoethane	11.233	107	94308	22.421	ug/L		95
51) Chlorobenzene	11.654	112	291174	19.042	ug/L		97
52) Ethylbenzene	11.727	91	534656	19.695	ug/L		97
53) m,p-Xylene	11.836	106	196606	19.549	ug/L		97
54) o-Xylene	12.166	106	186534	19.874	ug/L		91
55) Styrene	12.178	104	336786	20.637	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.714	83	150664	26.538	ug/L		99
59) Bromoform	12.349	173	67597	22.486	ug/L	#	95
60) Isopropylbenzene	12.458	105	536286	18.797	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	117594	25.262	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	432198	19.165	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	436946	19.773	ug/L		96
64) 1,3-Dichlorobenzene	13.495	146	231621	18.667	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	231901	17.909	ug/L		94
67) 1,2-Dichlorobenzene	13.867	146	212731	18.853	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.482	75	32397	28.869	ug/L		98
69) 1,3,5-Trichlorobenzene	14.623	180	156553	18.675	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	135118	19.011	ug/L		99
71) Naphthalene	15.360	128	358160	26.417	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	131013	20.437	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026912.D
Acq On : 25 Aug 2023 23:03
Operator : SY/MD
Sample : 04157-14MS
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHV4MS

Quant Time: Aug 28 01:05:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 26 05:14:45 2023
Response via : Initial Calibration