Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026868.D
Acq On : 24 Aug 2023 22:05
Operator : SY/MD
Sample : 04138-14MSD
Misc : 4.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR5MSD

Quant Time: Aug 25 05:22:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	373276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	358335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204576	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105335	17.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.680%			
7) Chloroethane-d5	2.893	69	88391	19.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.480%			
11) 1,1-Dichloroethene-d2	4.021	65	58223	19.292	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.160%			
21) 2-Butanone-d5	7.081	46	74600	42.298	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.600%			
24) Chloroform-d	7.648	84	300195	23.962	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.840%			
26) 1,2-Dichloroethane-d4	8.307	65	183715	26.573	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.280%			
32) Benzene-d6	8.276	84	549550	22.252	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	9.270	67	159365	20.717	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.880%			
41) Toluene-d8	10.318	98	502815	23.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.880%			
43) trans-1,3-Dichloroprop...	10.574	79	76569	24.107	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.440%			
47) 2-Hexanone-d5	10.922	63	42407	52.463	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146233	24.071	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	175568	23.977	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	72811	14.347	ug/L	93
3) Chloromethane	2.222	50	84547	12.183	ug/L	97
5) Vinyl chloride	2.369	62	94990	14.318	ug/L	97
6) Bromomethane	2.783	94	62394	16.142	ug/L	93
8) Chloroethane	2.936	64	59834	15.052	ug/L	100
9) Trichlorofluoromethane	3.259	101	100107	18.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	98308	16.716	ug/L	94
12) 1,1-Dichloroethene	4.045	96	94492	17.127	ug/L	92
13) Acetone	4.131	43	47310	26.979	ug/L	69
14) Carbon disulfide	4.387	76	268641	13.534	ug/L	99
15) Methyl Acetate	4.673	43	57884	16.478	ug/L	93
16) Methylene chloride	4.917	84	121274	16.795	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	105613	17.154	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	218962	23.505	ug/L	97
19) 1,1-Dichloroethane	6.216	63	216573	17.091	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	123518	18.665	ug/L	92
22) 2-Butanone	7.173	43	75847	29.349	ug/L	92
23) Bromochloromethane	7.514	128	58132	20.336	ug/L #	82
25) Chloroform	7.679	83	236107	19.287	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026868.D
Acq On : 24 Aug 2023 22:05
Operator : SY/MD
Sample : 04138-14MSD
Misc : 4.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR5MSD

Quant Time: Aug 25 05:22:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181670	21.273	ug/L		99
29) Cyclohexane	7.953	56	166445	15.020	ug/L		92
30) 1,1,1-Trichloroethane	7.874	97	201946	21.594	ug/L		97
31) Carbon tetrachloride	8.063	117	181358	21.210	ug/L		95
33) Benzene	8.325	78	465072	17.822	ug/L		100
34) Trichloroethene	9.093	95	122088	18.370	ug/L		91
35) Methylcyclohexane	9.331	83	175880	15.469	ug/L		94
37) 1,2-Dichloropropane	9.367	63	121000	16.929	ug/L	#	97
38) Bromodichloromethane	9.642	83	171068	20.402	ug/L		100
39) cis-1,3-Dichloropropene	10.068	75	199436	19.396	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	170593	36.692	ug/L		96
42) Toluene	10.386	91	495075	18.755	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	179614	20.294	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	95583	19.553	ug/L		97
46) Tetrachloroethene	10.861	164	100539	20.823	ug/L		92
48) 2-Hexanone	10.965	43	116190	36.727	ug/L		98
49) Dibromochloromethane	11.129	129	115950	22.679	ug/L		92
50) 1,2-Dibromoethane	11.233	107	91788	20.012	ug/L		89
51) Chlorobenzene	11.654	112	333096	19.977	ug/L		98
52) Ethylbenzene	11.727	91	577580	19.511	ug/L		100
53) m,p-Xylene	11.836	106	220578	20.114	ug/L		88
54) o-Xylene	12.166	106	212181	20.731	ug/L		93
55) Styrene	12.178	104	371569	20.879	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	119193	19.253	ug/L		95
59) Bromoform	12.349	173	75531	23.569	ug/L		98
60) Isopropylbenzene	12.458	105	575382	18.917	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	91993	18.538	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	483806	20.125	ug/L		98
63) 1,2,4-Trimethylbenzene	13.251	105	468780	19.899	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	262882	19.874	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	270935	19.627	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	241281	20.059	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.482	75	23423	19.579	ug/L		97
69) 1,3,5-Trichlorobenzene	14.623	180	160706	17.983	ug/L		95
70) 1,2,4-trichlorobenzene	15.129	180	145994	19.268	ug/L		96
71) Naphthalene	15.360	128	315866	21.854	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	141746	20.741	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026868.D
Acq On : 24 Aug 2023 22:05
Operator : SY/MD
Sample : 04138-14MSD
Misc : 4.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR5MSD

Quant Time: Aug 25 05:22:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration