Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
Data File : VW027337.D
Acq On : 19 Oct 2023 09:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Oct 20 02:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 18 22:20:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	428344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	392194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	207288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	165130	25.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.040%			
7) Chloroethane-d5	2.899	69	129044	27.492	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.960%			
11) 1,1-Dichloroethene-d2	4.021	65	85199	26.010	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.040%			
21) 2-Butanone-d5	7.081	46	118352	54.469	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.940%			
24) Chloroform-d	7.648	84	357084	27.970	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.880%			
26) 1,2-Dichloroethane-d4	8.307	65	191115	27.867	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.480%			
32) Benzene-d6	8.276	84	725154	27.329	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.320%			
36) 1,2-Dichloropropane-d6	9.276	67	224997	27.761	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.040%			
41) Toluene-d8	10.325	98	626990	26.057	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.240%			
43) trans-1,3-Dichloroprop...	10.575	79	96021	25.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.920%			
47) 2-Hexanone-d5	10.922	63	93064	55.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	174267	28.819	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	186812	24.869	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	112758	22.124	ug/L #	90
3) Chloromethane	2.229	50	150407	25.680	ug/L	98
5) Vinyl chloride	2.375	62	168527	25.759	ug/L	95
6) Bromomethane	2.789	94	94387	25.329	ug/L	98
8) Chloroethane	2.936	64	99855	26.515	ug/L	98
9) Trichlorofluoromethane	3.265	101	139409	30.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	154632	26.754	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	146231	26.034	ug/L	97
13) Acetone	4.118	43	117358	62.535	ug/L	99
14) Carbon disulfide	4.393	76	418526	24.036	ug/L	100
15) Methyl Acetate	4.679	43	83394	26.017	ug/L	100
16) Methylene chloride	4.923	84	181617	23.163	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	154155	25.537	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	279463	26.833	ug/L	100
19) 1,1-Dichloroethane	6.222	63	329987	26.793	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	177846	26.088	ug/L	98
22) 2-Butanone	7.173	43	143913	51.233	ug/L	99
23) Bromochloromethane	7.520	128	71583	25.434	ug/L	94
25) Chloroform	7.679	83	313767	27.220	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
Data File : VW027337.D
Acq On : 19 Oct 2023 09:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Oct 20 02:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 18 22:20:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215394	27.508	ug/L	100
29) Cyclohexane	7.959	56	299387	25.142	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	252255	26.368	ug/L	98
31) Carbon tetrachloride	8.069	117	222750	25.822	ug/L	97
33) Benzene	8.325	78	676314	26.386	ug/L	100
34) Trichloroethene	9.093	95	177186	26.170	ug/L	95
35) Methylcyclohexane	9.337	83	303229	25.045	ug/L	99
37) 1,2-Dichloropropane	9.367	63	189818	27.389	ug/L	98
38) Bromodichloromethane	9.648	83	222101	26.063	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	297880	26.020	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	259561	54.460	ug/L	99
42) Toluene	10.386	91	707858	26.326	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	246089	25.476	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	131144	27.499	ug/L	98
46) Tetrachloroethene	10.861	164	120616	25.800	ug/L	93
48) 2-Hexanone	10.965	43	203017	57.551	ug/L	99
49) Dibromochloromethane	11.129	129	134307	25.358	ug/L	89
50) 1,2-Dibromoethane	11.233	107	119044	25.746	ug/L	98
51) Chlorobenzene	11.654	112	434351	25.797	ug/L	98
52) Ethylbenzene	11.727	91	812169	25.993	ug/L	98
53) m,p-Xylene	11.837	106	304436	25.689	ug/L	98
54) o-Xylene	12.166	106	300390	26.469	ug/L	93
55) Styrene	12.178	104	500870	25.842	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	158023	27.143	ug/L	100
59) Bromoform	12.343	173	74710	24.221	ug/L	98
60) Isopropylbenzene	12.458	105	810259	24.882	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	118220	26.120	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	687816	25.322	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	667092	25.101	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	331557	25.108	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	328833	24.935	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	285165	24.336	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	26250	23.206	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	211423	24.664	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	172828	23.687	ug/L	97
71) Naphthalene	15.360	128	371027	24.728	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	152894	25.484	ug/L	89

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
Data File : VW027337.D
Acq On : 19 Oct 2023 09:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Oct 20 02:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 18 22:20:28 2023
Response via : Initial Calibration