Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025917.D
Acq On : 10 May 2023 09:15
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

Quant Time: May 11 02:10:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	597910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	531808	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	271201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	213000	25.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
7) Chloroethane-d5	2.899	69	165782m	26.392	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.560%			
11) 1,1-Dichloroethene-d2	4.021	65	104162	24.551	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.200%			
21) 2-Butanone-d5	7.075	46	105763	37.759	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.520%			
24) Chloroform-d	7.648	84	426352	24.729	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.920%			
26) 1,2-Dichloroethane-d4	8.301	65	218407	22.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.600%			
32) Benzene-d6	8.270	84	851479	24.503	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	9.270	67	268668	24.165	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.640%			
41) Toluene-d8	10.318	98	755793	24.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.560%			
43) trans-1,3-Dichloroprop...	10.575	79	98132	21.774	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.080%			
47) 2-Hexanone-d5	10.922	63	73826	38.940	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184654	21.790	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.160%			
66) 1,2-Dichlorobenzene-d4	13.848	152	218914	22.143	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	163454	24.469	ug/L	96
3) Chloromethane	2.222	50	249945	25.377	ug/L	98
5) Vinyl chloride	2.375	62	268484	26.336	ug/L	98
6) Bromomethane	2.789	94	144814	26.117	ug/L	94
8) Chloroethane	2.930	64	141291	24.374	ug/L	100
9) Trichlorofluoromethane	3.265	101	193035	25.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	216949	25.928	ug/L	98
12) 1,1-Dichloroethene	4.045	96	202896	25.373	ug/L	89
13) Acetone	4.124	43	89955	36.219	ug/L	99
14) Carbon disulfide	4.387	76	658530	24.352	ug/L	99
15) Methyl Acetate	4.667	43	93253	19.053	ug/L	100
16) Methylene chloride	4.917	84	213419	17.308	ug/L	90
17) trans-1,2-Dichloroethene	5.423	96	214272	24.563	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	290476	21.939	ug/L	100
19) 1,1-Dichloroethane	6.216	63	445755	24.871	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	222887	23.815	ug/L	96
22) 2-Butanone	7.167	43	123899	36.128	ug/L	99
23) Bromochloromethane	7.508	128	91137	22.986	ug/L	95
25) Chloroform	7.673	83	408315	24.787	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025917.D
Acq On : 10 May 2023 09:15
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 02:10:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	267713	22.884	ug/L	99
29) Cyclohexane	7.959	56	421678	25.587	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	329244	25.315	ug/L	98
31) Carbon tetrachloride	8.063	117	297784	25.442	ug/L	99
33) Benzene	8.319	78	932235	25.337	ug/L	100
34) Trichloroethene	9.087	95	235156	24.907	ug/L	97
35) Methylcyclohexane	9.331	83	421107	25.077	ug/L	99
37) 1,2-Dichloropropane	9.367	63	246767	24.480	ug/L	100
38) Bromodichloromethane	9.642	83	279234	24.145	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	353952	23.944	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	254599	38.802	ug/L	100
42) Toluene	10.386	91	952844	25.345	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286085	23.356	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	152330	22.590	ug/L	98
46) Tetrachloroethene	10.855	164	165820	24.965	ug/L	85
48) 2-Hexanone	10.965	43	185500	39.464	ug/L	99
49) Dibromochloromethane	11.129	129	161065	23.072	ug/L	95
50) 1,2-Dibromoethane	11.233	107	136079	21.891	ug/L	95
51) Chlorobenzene	11.654	112	574487	24.667	ug/L	97
52) Ethylbenzene	11.727	91	1081406	25.572	ug/L	99
53) m,p-Xylene	11.836	106	398419	25.598	ug/L	100
54) o-Xylene	12.160	106	369680	25.199	ug/L	96
55) Styrene	12.178	104	651552	25.948	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	180246	21.423	ug/L	97
59) Bromoform	12.349	173	85153	21.198	ug/L	99
60) Isopropylbenzene	12.458	105	1057920	25.663	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	129364	20.183	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	833116	25.516	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	751157	24.930	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	426548	24.036	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	429207	23.939	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	375926	23.753	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	26595	17.894	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	284514	24.153	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	219778	22.270	ug/L	97
71) Naphthalene	15.360	128	361773	19.423	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	192557	21.990	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025917.D
Acq On : 10 May 2023 09:15
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 02:10:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023