Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
Data File : VW026760.D
Acq On : 17 Aug 2023 15:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2023
Supervised By :Mahesh Dadoda 08/18/2023

Quant Time: Aug 18 01:34:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 01:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	517038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	135237	15.911	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.640%			
7) Chloroethane-d5	2.893	69	126823	20.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.280%			
11) 1,1-Dichloroethene-d2	4.027	65	82998	19.854	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.400%			
21) 2-Butanone-d5	7.069	46	108903	44.579	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.160%			
24) Chloroform-d	7.648	84	410945	23.681	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.720%			
26) 1,2-Dichloroethane-d4	8.306	65	246717	25.763	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.040%			
32) Benzene-d6	8.270	84	860719	24.865	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.480%			
36) 1,2-Dichloropropane-d6	9.270	67	270921	25.126	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.520%			
41) Toluene-d8	10.318	98	725541	24.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.680%			
43) trans-1,3-Dichloroprop...	10.574	79	100456	22.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.280%			
47) 2-Hexanone-d5	10.922	63	58450	51.590	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217901	25.590	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	247742	25.135	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	164516m	23.403	ug/L	
3) Chloromethane	2.228	50	180341	18.761	ug/L	98
5) Vinyl chloride	2.375	62	168498	18.336	ug/L	98
6) Bromomethane	2.789	94	110195	20.582	ug/L	94
8) Chloroethane	2.936	64	112812	20.489	ug/L	98
9) Trichlorofluoromethane	3.265	101	135688	17.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	169631	20.824	ug/L	92
12) 1,1-Dichloroethene	4.051	96	168330	22.026	ug/L	93
13) Acetone	4.124	43	73291	30.173	ug/L	99
14) Carbon disulfide	4.393	76	550311	20.016	ug/L	99
15) Methyl Acetate	4.673	43	106543	21.897	ug/L	99
16) Methylene chloride	4.923	84	207253	20.722	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	173228	20.313	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	268413	20.802	ug/L	99
19) 1,1-Dichloroethane	6.215	63	378653	21.574	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	212359	23.167	ug/L	96
22) 2-Butanone	7.173	43	130560	36.473	ug/L	97
23) Bromochloromethane	7.514	128	85722	21.649	ug/L	92
25) Chloroform	7.672	83	357159	21.063	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
Data File : VW026760.D
Acq On : 17 Aug 2023 15:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Quant Time: Aug 18 01:34:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 01:33:38 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2023
Supervised By :Mahesh Dadoda 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270396	22.858	ug/L	98
29) Cyclohexane	7.959	56	318108	20.481	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	287205	21.911	ug/L	98
31) Carbon tetrachloride	8.069	117	277504	23.154	ug/L	99
33) Benzene	8.319	78	877543	23.993	ug/L	100
34) Trichloroethene	9.093	95	197744	21.228	ug/L	95
35) Methylcyclohexane	9.337	83	351502	22.057	ug/L	99
37) 1,2-Dichloropropane	9.361	63	237907	23.747	ug/L	99
38) Bromodichloromethane	9.642	83	280092	23.832	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	311009	21.579	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	279825	42.940	ug/L	99
42) Toluene	10.385	91	903728	24.425	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277746	22.390	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	159425	23.268	ug/L	96
46) Tetrachloroethene	10.861	164	142967	21.125	ug/L	92
48) 2-Hexanone	10.965	43	196570	44.330	ug/L	99
49) Dibromochloromethane	11.129	129	162822	22.721	ug/L	92
50) 1,2-Dibromoethane	11.233	107	132811	20.658	ug/L	94
51) Chlorobenzene	11.653	112	532406	22.780	ug/L	99
52) Ethylbenzene	11.727	91	969978	23.378	ug/L	94
53) m,p-Xylene	11.836	106	368441	23.970	ug/L	91
54) o-Xylene	12.166	106	320515	22.342	ug/L	99
55) Styrene	12.178	104	581954	23.331	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	190592	21.964	ug/L	97
59) Bromoform	12.348	173	91578	21.229	ug/L	96
60) Isopropylbenzene	12.458	105	894064	21.838	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	141640	21.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	782309	24.175	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	778751	24.558	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	403954	22.687	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	413111	22.232	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	383825	23.705	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	31753	19.718	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	247053	20.537	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	221078	21.676	ug/L	100
71) Naphthalene	15.360	128	426585	21.927	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202789	22.044	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
Data File : VW026760.D
Acq On : 17 Aug 2023 15:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 18 01:34:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 01:33:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2023
Supervised By :Mahesh Dadoda 08/18/2023