Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
Data File : VW025345.D
Acq On : 17 Feb 2023 15:01
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

Quant Time: Feb 18 01:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 15 22:06:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	338016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	303355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	158954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81608	24.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.800%			
7) Chloroethane-d5	2.899	69	51504	17.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.920%			
11) 1,1-Dichloroethene-d2	4.027	63	206158	22.730	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.920%			
21) 2-Butanone-d5	7.075	46	43803	51.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.180%			
24) Chloroform-d	7.648	84	203114	22.926	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.720%			
26) 1,2-Dichloroethane-d4	8.307	65	106024	24.568	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.280%			
32) Benzene-d6	8.270	84	395417	21.506	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.040%			
36) 1,2-Dichloropropane-d6	9.270	67	104752	19.472	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.880%			
41) Toluene-d8	10.318	98	366324	22.289	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.160%			
43) trans-1,3-Dichloroprop...	10.575	79	50897	25.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.280%			
47) 2-Hexanone-d5	10.922	63	36193	60.006	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88569	24.210	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	116756	21.171	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.027	85	112419m	24.579	ug/L	
3) Chloromethane	2.222	50	94326	21.485	ug/L	97
5) Vinyl chloride	2.375	62	108657	24.301	ug/L	95
6) Bromomethane	2.783	94	64463	21.056	ug/L	99
8) Chloroethane	2.930	64	52562	18.830	ug/L	98
9) Trichlorofluoromethane	3.265	101	127361	19.802	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	122193	26.201	ug/L	94
12) 1,1-Dichloroethene	4.045	96	112354	24.269	ug/L	93
13) Acetone	4.112	43	44269	47.282	ug/L	98
14) Carbon disulfide	4.393	76	326142	21.558	ug/L	99
15) Methyl Acetate	4.667	43	49128	30.665	ug/L #	71
16) Methylene chloride	4.911	84	121564	21.127	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	122427	24.625	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	182086	25.477	ug/L	99
19) 1,1-Dichloroethane	6.216	63	230404	26.026	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	134812	25.825	ug/L	99
22) 2-Butanone	7.167	43	64008	56.218	ug/L	100
23) Bromochloromethane	7.514	128	58923	27.403	ug/L	98
25) Chloroform	7.673	83	242478	26.628	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
Data File : VW025345.D
Acq On : 17 Feb 2023 15:01
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Quant Time: Feb 18 01:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 15 22:06:10 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	164867	29.727	ug/L		99
29) Cyclohexane	7.953	56	196916	22.541	ug/L		97
30) 1,1,1-Trichloroethane	7.868	97	214491	24.927	ug/L		99
31) Carbon tetrachloride	8.069	117	195408	24.553	ug/L		100
33) Benzene	8.319	78	508510	24.223	ug/L		100
34) Trichloroethene	9.087	95	139587	23.739	ug/L		92
35) Methylcyclohexane	9.331	83	236850	22.566	ug/L		100
37) 1,2-Dichloropropane	9.367	63	126297	24.393	ug/L		100
38) Bromodichloromethane	9.642	83	174901	25.405	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	212093	25.018	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	140208	61.331	ug/L		100
42) Toluene	10.386	91	551109	26.399	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	176484	29.205	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	97471	29.871	ug/L		94
46) Tetrachloroethene	10.861	164	101105	26.905	ug/L		94
48) 2-Hexanone	10.965	43	96517	66.877	ug/L		99
49) Dibromochloromethane	11.123	129	114740	31.132	ug/L		96
50) 1,2-Dibromoethane	11.233	107	91755	30.696	ug/L	#	95
51) Chlorobenzene	11.654	112	361487	26.312	ug/L		98
52) Ethylbenzene	11.727	91	652032	26.068	ug/L		99
53) m,p-Xylene	11.836	106	218088	23.006	ug/L		99
54) o-Xylene	12.166	106	231534	24.263	ug/L		93
55) Styrene	12.178	104	406444	25.155	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	116397	29.937	ug/L		100
59) Bromoform	12.349	173	62091	27.532	ug/L		99
60) Isopropylbenzene	12.458	105	666586	24.762	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	85066	30.099	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	559259	25.770	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	546067	25.112	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	277363	24.869	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	278626	25.316	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	248989	25.906	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	20381	30.876	ug/L		92
69) 1,3,5-Trichlorobenzene	14.623	180	189153	26.080	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	158089	26.768	ug/L		99
71) Naphthalene	15.360	128	341800	31.660	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	138589	27.330	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
Data File : VW025345.D
Acq On : 17 Feb 2023 15:01
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 18 01:22:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 15 22:06:10 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023