Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027095.D
Acq On : 14 Sep 2023 11:35
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

Quant Time: Sep 15 00:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	453725	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	475445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	144622	17.841	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.360%			
7) Chloroethane-d5	2.893	69	136114	20.805	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.240%			
11) 1,1-Dichloroethene-d2	4.027	65	65281	21.852	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.400%			
21) 2-Butanone-d5	7.075	46	69391	44.427	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.860%			
24) Chloroform-d	7.648	84	368583	27.300	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.200%			
26) 1,2-Dichloroethane-d4	8.307	65	181899	25.632	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.520%			
32) Benzene-d6	8.276	84	756734	24.266	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.080%			
36) 1,2-Dichloropropane-d6	9.276	67	219699	23.997	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.000%			
41) Toluene-d8	10.319	98	684432	24.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.960%			
43) trans-1,3-Dichloroprop...	10.575	79	81535	22.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.800%			
47) 2-Hexanone-d5	10.922	63	42080	49.232	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196988	27.726	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.920%			
66) 1,2-Dichlorobenzene-d4	13.854	152	247475	25.374	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	136815m	26.213	ug/L	
3) Chloromethane	2.222	50	138512	17.594	ug/L	99
5) Vinyl chloride	2.375	62	189395	21.090	ug/L	100
6) Bromomethane	2.783	94	137462	23.193	ug/L	94
8) Chloroethane	2.936	64	121863	21.626	ug/L	96
9) Trichlorofluoromethane	3.271	101	140327	26.933	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	186054	28.755	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	170922	26.662	ug/L	95
13) Acetone	4.125	43	63694	46.574	ug/L	96
14) Carbon disulfide	4.393	76	475250	23.114	ug/L	97
15) Methyl Acetate	4.667	43	70552	24.812	ug/L #	88
16) Methylene chloride	4.917	84	213836	24.327	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	190034	27.084	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	273873	28.031	ug/L	97
19) 1,1-Dichloroethane	6.222	63	360890	27.286	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	212721	27.549	ug/L	97
22) 2-Butanone	7.173	43	97197	44.170	ug/L	92
23) Bromochloromethane	7.514	128	99628	29.732	ug/L	88
25) Chloroform	7.679	83	373880	28.821	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027095.D
Acq On : 14 Sep 2023 11:35
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 00:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	230211	28.078	ug/L		98
29) Cyclohexane	7.959	56	270980	21.861	ug/L		93
30) 1,1,1-Trichloroethane	7.874	97	295123	27.403	ug/L		98
31) Carbon tetrachloride	8.075	117	268846	28.009	ug/L		99
33) Benzene	8.325	78	837021	25.743	ug/L		100
34) Trichloroethene	9.093	95	210828	25.235	ug/L		92
35) Methylcyclohexane	9.337	83	341605	24.066	ug/L		97
37) 1,2-Dichloropropane	9.367	63	211832	25.529	ug/L		99
38) Bromodichloromethane	9.642	83	271291	27.762	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	316127	25.664	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	199669	46.611	ug/L		93
42) Toluene	10.386	91	912982	27.285	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	268140	26.807	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	166104	27.789	ug/L		96
46) Tetrachloroethene	10.861	164	177793	27.879	ug/L		94
48) 2-Hexanone	10.965	43	141735	48.548	ug/L		96
49) Dibromochloromethane	11.129	129	180193	29.265	ug/L		94
50) 1,2-Dibromoethane	11.233	107	151643	28.022	ug/L		99
51) Chlorobenzene	11.654	112	577497	26.794	ug/L		98
52) Ethylbenzene	11.727	91	1001834	27.007	ug/L		98
53) m,p-Xylene	11.837	106	390506	27.829	ug/L		97
54) o-Xylene	12.166	106	374405	28.516	ug/L		89
55) Styrene	12.178	104	675015	30.123	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.708	83	203083	28.719	ug/L		98
59) Bromoform	12.349	173	106850	26.644	ug/L		92
60) Isopropylbenzene	12.464	105	1055700	27.329	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	139327	25.827	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	846080	27.447	ug/L		99
63) 1,2,4-Trimethylbenzene	13.251	105	826802	27.435	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	493413	28.077	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	516124	28.895	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	450223	28.435	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.482	75	30316	24.782	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.623	180	319566	26.178	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	267707	26.934	ug/L		93
71) Naphthalene	15.360	128	476662	27.102	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	249819	27.726	ug/L		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027095.D
Acq On : 14 Sep 2023 11:35
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 15 00:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023