Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027031.D
Acq On : 11 Sep 2023 15:23
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2023
Supervised By :Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 01:14:21 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	571006	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	565362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196150	19.228	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.920%			
7) Chloroethane-d5	2.893	69	178154	21.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.560%			
11) 1,1-Dichloroethene-d2	4.021	65	86249	22.941	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.760%			
21) 2-Butanone-d5	7.075	46	90474	46.028	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.060%			
24) Chloroform-d	7.648	84	459904	27.067	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.280%			
26) 1,2-Dichloroethane-d4	8.301	65	221867	24.843	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.360%			
32) Benzene-d6	8.270	84	957242	25.813	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.240%			
36) 1,2-Dichloropropane-d6	9.270	67	271135	24.905	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.640%			
41) Toluene-d8	10.319	98	859507	25.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	10.575	79	104206	24.665	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.680%			
47) 2-Hexanone-d5	10.922	63	52546	51.699	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.400%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239346	28.330	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.320%			
66) 1,2-Dichlorobenzene-d4	13.855	152	308164	27.474	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	161670m	24.613	ug/L	
3) Chloromethane	2.222	50	173010	17.462	ug/L	99
5) Vinyl chloride	2.375	62	223917	19.813	ug/L	96
6) Bromomethane	2.783	94	161012	21.587	ug/L	95
8) Chloroethane	2.930	64	146019	20.590	ug/L	98
9) Trichlorofluoromethane	3.253	101	152087	23.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	218167	26.792	ug/L	98
12) 1,1-Dichloroethene	4.045	96	196256	24.326	ug/L	98
13) Acetone	4.118	43	83221	48.353	ug/L	95
14) Carbon disulfide	4.387	76	561220	21.689	ug/L	99
15) Methyl Acetate	4.667	43	81828	22.867	ug/L #	88
16) Methylene chloride	4.923	84	247179	22.344	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	210118	23.796	ug/L	93
18) Methyl tert-butyl Ether	5.417	73	299842	24.386	ug/L	97
19) 1,1-Dichloroethane	6.210	63	409137	24.580	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	245901	25.306	ug/L	93
22) 2-Butanone	7.167	43	124688	45.025	ug/L	98
23) Bromochloromethane	7.508	128	108931	25.831	ug/L	90
25) Chloroform	7.673	83	427625	26.194	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027031.D
Acq On : 11 Sep 2023 15:23
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 01:14:21 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 :
VSTD025495

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Reviewed By :Semsettin Yesilyurt 09/12/2023
Supervised By :Mahesh Dadoda 09/13/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	259091	25.110 ug/L	97
29) Cyclohexane	7.953	56	322565	21.883 ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	323635	25.271 ug/L	98
31) Carbon tetrachloride	8.069	117	306513	26.854 ug/L	98
33) Benzene	8.319	78	944823	24.437 ug/L	100
34) Trichloroethene	9.087	95	239629	24.121 ug/L	92
35) Methylcyclohexane	9.337	83	396286	23.478 ug/L	99
37) 1,2-Dichloropropane	9.368	63	240985	24.424 ug/L	99
38) Bromodichloromethane	9.648	83	296979	25.558 ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	366975	25.054 ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	231427	45.432 ug/L	95
42) Toluene	10.386	91	1022425	25.696 ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	302022	25.392 ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	177901	25.029 ug/L	96
46) Tetrachloroethene	10.861	164	191284	25.224 ug/L	91
48) 2-Hexanone	10.965	43	175588	50.578 ug/L	97
49) Dibromochloromethane	11.129	129	192224	26.254 ug/L	85
50) 1,2-Dibromoethane	11.233	107	163894	25.469 ug/L	93
51) Chlorobenzene	11.654	112	645143	25.172 ug/L	97
52) Ethylbenzene	11.727	91	1134959	25.729 ug/L	97
53) m,p-Xylene	11.837	106	449852	26.960 ug/L	88
54) o-Xylene	12.166	106	427133	27.358 ug/L	90
55) Styrene	12.178	104	730511	27.415 ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.714	83	221506	26.343 ug/L	99
59) Bromoform	12.343	173	120020	26.023 ug/L	96
60) Isopropylbenzene	12.458	105	1150452	25.896 ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	151938	24.491 ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	965851	27.245 ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	942676	27.199 ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	532508	26.349 ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	546941	26.626 ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	500400	27.481 ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33247	23.632 ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	371133	26.436 ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	308776	27.013 ug/L	97
71) Naphthalene	15.360	128	549564	27.171 ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	284671	27.472 ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027031.D
Acq On : 11 Sep 2023 15:23
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 01:14:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
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Instrument :
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