Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
Data File : VW021786.D
Acq On : 07 Jan 2022 19:30
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

Quant Time: Jan 07 22:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 21:59:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149907	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	148765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	85621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55524	18.786	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.160%			
7) Chloroethane-d5	2.885	69	46460	23.338	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.360%			
11) 1,1-Dichloroethene-d2	4.019	63	98068	22.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.680%			
21) 2-Butanone-d5	7.086	46	19570	45.257	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.520%			
24) Chloroform-d	7.653	84	113284	24.192	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.760%			
26) 1,2-Dichloroethane-d4	8.305	65	55051	22.264	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.040%			
32) Benzene-d6	8.275	84	222128	25.147	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	9.274	67	59311	24.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.000%			
41) Toluene-d8	10.323	98	220657	25.072	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.280%			
43) trans-1,3-Dichloroprop...	10.579	79	25037	21.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.880%			
47) 2-Hexanone-d5	10.927	63	18132	49.893	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.780%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	49212	24.910	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	84893	25.928	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	16600	18.675	ug/L	97
3) Chloromethane	2.215	50	48392	21.078	ug/L	98
5) Vinyl chloride	2.361	62	71025	20.975	ug/L	98
6) Bromomethane	2.782	94	54356	24.670	ug/L	96
8) Chloroethane	2.922	64	39176	24.279	ug/L	95
9) Trichlorofluoromethane	3.257	101	51616	25.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	60031	24.194	ug/L	90
12) 1,1-Dichloroethene	4.044	96	55630	25.067	ug/L	70
13) Acetone	4.147	43	14383	39.174	ug/L	88
14) Carbon disulfide	4.385	76	144411	22.487	ug/L	98
15) Methyl Acetate	4.684	43	16625	23.732	ug/L #	85
16) Methylene chloride	4.916	84	57992	21.670	ug/L	78
17) trans-1,2-Dichloroethene	5.428	96	59578	25.413	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	81969	25.110	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	90532	24.752	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	63159	25.953	ug/L	71
22) 2-Butanone	7.183	43	20513	41.097	ug/L #	75
23) Bromochloromethane	7.519	128	31127	26.461	ug/L #	58
25) Chloroform	7.677	83	107089	25.382	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
Data File : VW021786.D
Acq On : 07 Jan 2022 19:30
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 07 22:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 21:59:54 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	62008m	22.659	ug/L		
29) Cyclohexane	7.958	56	85258	24.782	ug/L	#	76
30) 1,1,1-Trichloroethane	7.878	97	95033	24.212	ug/L	#	92
31) Carbon tetrachloride	8.073	117	93949	24.614	ug/L		98
33) Benzene	8.330	78	226766	24.983	ug/L		100
34) Trichloroethene	9.098	95	64642	25.087	ug/L		86
35) Methylcyclohexane	9.335	83	110705	26.040	ug/L	#	80
37) 1,2-Dichloropropane	9.372	63	50255	24.982	ug/L	#	95
38) Bromodichloromethane	9.646	83	71661	23.339	ug/L	#	94
39) cis-1,3-Dichloropropene	10.073	75	81854	24.904	ug/L		96
40) 4-Methyl-2-pentanone	10.213	43	47937	43.258	ug/L	#	84
42) Toluene	10.390	91	264541	25.247	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	69311	23.471	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	43360	25.951	ug/L		94
46) Tetrachloroethene	10.866	164	64987	26.932	ug/L		92
48) 2-Hexanone	10.969	43	33703	44.785	ug/L	#	87
49) Dibromochloromethane	11.128	129	56593	25.209	ug/L		99
50) 1,2-Dibromoethane	11.238	107	42747	25.474	ug/L	#	100
51) Chlorobenzene	11.658	112	180230	26.659	ug/L	#	88
52) Ethylbenzene	11.731	91	292139	24.838	ug/L		97
53) m,p-Xylene	11.841	106	125305	26.588	ug/L		82
54) o-Xylene	12.164	106	114999	25.745	ug/L		90
55) Styrene	12.183	104	189170	24.660	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.713	83	45732	24.743	ug/L	#	98
59) Bromoform	12.347	173	29671	23.745	ug/L	#	98
60) Isopropylbenzene	12.463	105	311160	26.070	ug/L		93
61) 1,2,3-Trichloropropane	12.768	75	32283	24.640	ug/L	#	88
62) 1,3,5-Trimethylbenzene	12.945	105	266747	26.435	ug/L		91
63) 1,2,4-Trimethylbenzene	13.249	105	262342	26.174	ug/L		92
64) 1,3-Dichlorobenzene	13.493	146	150395	26.688	ug/L		93
65) 1,4-Dichlorobenzene	13.579	146	142679	25.392	ug/L		92
67) 1,2-Dichlorobenzene	13.871	146	129785	26.379	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6215	21.543	ug/L	#	59
69) 1,3,5-Trichlorobenzene	14.627	180	105473	25.479	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	84861	25.682	ug/L		94
71) Naphthalene	15.365	128	142496	26.504	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	70032	25.177	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
Data File : VW021786.D
Acq On : 07 Jan 2022 19:30
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 07 22:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 07 21:59:54 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2022
Supervised By :Mahesh Dadoda 01/10/2022