Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
Data File : VW028236.D
Acq On : 22 Mar 2024 18:37
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 01:03:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Mar 23 01:00:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	198863	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	183911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93186	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	46023	19.780	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.120%			
7) Chloroethane-d5	2.899	69	37089	22.815	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.280%			
11) 1,1-Dichloroethene-d2	4.021	65	31771	21.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.120%			
21) 2-Butanone-d5	7.081	46	36162	52.694	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.380%			
24) Chloroform-d	7.648	84	158390	27.011	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.040%			
26) 1,2-Dichloroethane-d4	8.307	65	84353	26.103	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.400%			
32) Benzene-d6	8.276	84	296087	26.369	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.480%			
36) 1,2-Dichloropropane-d6	9.270	67	86317	26.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.840%			
41) Toluene-d8	10.318	98	269268	25.999	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.000%			
43) trans-1,3-Dichloroprop...	10.575	79	38235	26.053	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.200%			
47) 2-Hexanone-d5	10.922	63	30300	56.729	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66818	27.993	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	98577	29.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58016m	20.111	ug/L	
3) Chloromethane	2.222	50	40301	19.697	ug/L	97
5) Vinyl chloride	2.375	62	49246	21.293	ug/L	95
6) Bromomethane	2.789	94	31141	22.609	ug/L	93
8) Chloroethane	2.936	64	28597	23.004	ug/L	91
9) Trichlorofluoromethane	3.271	101	63844	22.832	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61417	22.109	ug/L	95
12) 1,1-Dichloroethene	4.051	96	58550	22.800	ug/L	88
13) Acetone	4.137	43	26624	34.941	ug/L	99
14) Carbon disulfide	4.393	76	174201	21.750	ug/L	98
15) Methyl Acetate	4.679	43	25400	21.641	ug/L	99
16) Methylene chloride	4.923	84	67188	22.198	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	64649	23.689	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	102345	24.856	ug/L	99
19) 1,1-Dichloroethane	6.222	63	128624	24.345	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	71690	24.323	ug/L	99
22) 2-Butanone	7.173	43	35030	40.491	ug/L	98
23) Bromochloromethane	7.514	128	32631	25.042	ug/L	94
25) Chloroform	7.673	83	132079	24.283	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
Data File : VW028236.D
Acq On : 22 Mar 2024 18:37
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Quant Time: Mar 23 01:03:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Mar 23 01:00:21 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89956	23.420	ug/L		97
29) Cyclohexane	7.959	56	107797	22.472	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	112730	23.384	ug/L		99
31) Carbon tetrachloride	8.069	117	102458	22.658	ug/L		99
33) Benzene	8.325	78	275340	24.330	ug/L		100
34) Trichloroethene	9.093	95	75144	23.799	ug/L		98
35) Methylcyclohexane	9.337	83	118671	22.236	ug/L		99
37) 1,2-Dichloropropane	9.367	63	71712	24.774	ug/L		100
38) Bromodichloromethane	9.642	83	94391	24.186	ug/L		95
39) cis-1,3-Dichloropropene	10.069	75	114525	24.705	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	73925	46.267	ug/L		98
42) Toluene	10.386	91	300192	24.305	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	96612	24.685	ug/L		98
45) 1,1,2-Trichloroethane	10.782	97	51289	24.524	ug/L		99
46) Tetrachloroethene	10.855	164	59491	23.375	ug/L		99
48) 2-Hexanone	10.965	43	52965	42.317	ug/L		97
49) Dibromochloromethane	11.123	129	60078	24.255	ug/L		100
50) 1,2-Dibromoethane	11.233	107	47788	23.897	ug/L	#	97
51) Chlorobenzene	11.654	112	191202	24.389	ug/L		98
52) Ethylbenzene	11.727	91	347385	24.093	ug/L		97
53) m,p-Xylene	11.836	106	131791	24.290	ug/L		95
54) o-Xylene	12.160	106	124495	24.743	ug/L		95
55) Styrene	12.178	104	213947	24.755	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	57309	23.957	ug/L		98
59) Bromoform	12.349	173	35236	25.234	ug/L		98
60) Isopropylbenzene	12.458	105	356445	25.745	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	42983	24.169	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	239629	25.795	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	290418	25.890	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	152844	24.745	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	152758	24.732	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	141047	26.517	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9986	23.903	ug/L		95
69) 1,3,5-Trichlorobenzene	14.629	180	103353	24.022	ug/L		94
70) 1,2,4-trichlorobenzene	15.122	180	88165	24.121	ug/L		93
71) Naphthalene	15.360	128	164346	26.196	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	79969	26.540	ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
Data File : VW028236.D
Acq On : 22 Mar 2024 18:37
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 23 01:03:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Mar 23 01:00:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024