Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
Data File : VW029347.D
Acq On : 25 Jun 2024 15:51
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 02:27:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 26 02:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	280001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257074	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75678	19.527	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.120%			
7) Chloroethane-d5	2.905	69	65553	20.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.120%			
11) 1,1-Dichloroethene-d2	4.021	65	37970	20.292	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.160%			
21) 2-Butanone-d5	7.075	46	51885	44.748	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.500%			
24) Chloroform-d	7.642	84	188945	22.621	ug/L	-0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.480%			
26) 1,2-Dichloroethane-d4	8.301	65	104441	21.778	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.120%			
32) Benzene-d6	8.276	84	366687	23.483	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.920%			
36) 1,2-Dichloropropane-d6	9.270	67	114962	23.161	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.640%			
41) Toluene-d8	10.319	98	322264	23.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.320%			
43) trans-1,3-Dichloroprop...	10.575	79	45119	22.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.240%			
47) 2-Hexanone-d5	10.922	63	35487	45.607	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.220%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86747	21.959	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	106747	24.209	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58704m	21.489	ug/L	
3) Chloromethane	2.223	50	78079	20.045	ug/L	97
5) Vinyl chloride	2.375	62	94150	21.048	ug/L	99
6) Bromomethane	2.789	94	56997	21.200	ug/L	92
8) Chloroethane	2.936	64	59597	21.783	ug/L	100
9) Trichlorofluoromethane	3.271	101	74519	21.488	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88610m	23.174	ug/L	
12) 1,1-Dichloroethene	4.045	96	78669	24.248	ug/L	91
13) Acetone	4.119	43	46397	47.085	ug/L	99
14) Carbon disulfide	4.393	76	227393	21.470	ug/L	100
15) Methyl Acetate	4.673	43	42408	21.679	ug/L	98
16) Methylene chloride	4.923	84	96378	19.575	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	88520	24.568	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	135976	23.588	ug/L	99
19) 1,1-Dichloroethane	6.216	63	188573	24.233	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	96574	24.306	ug/L	98
22) 2-Butanone	7.167	43	60844	45.045	ug/L	99
23) Bromochloromethane	7.514	128	41212	23.300	ug/L	92
25) Chloroform	7.673	83	184572	24.290	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
Data File : VW029347.D
Acq On : 25 Jun 2024 15:51
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Quant Time: Jun 26 02:27:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 26 02:25:08 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125894	22.464	ug/L	98
29) Cyclohexane	7.959	56	143625	24.439	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	145464	25.446	ug/L	97
31) Carbon tetrachloride	8.069	117	128156	24.541	ug/L	99
33) Benzene	8.325	78	393917	25.502	ug/L	100
34) Trichloroethene	9.093	95	100706	24.438	ug/L	96
35) Methylcyclohexane	9.337	83	159813	24.659	ug/L	98
37) 1,2-Dichloropropane	9.368	63	108630	25.028	ug/L	98
38) Bromodichloromethane	9.642	83	129680	24.437	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	156316	25.478	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123920	46.064	ug/L	99
42) Toluene	10.386	91	409970	25.818	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	127555	24.622	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73459	24.301	ug/L	97
46) Tetrachloroethene	10.861	164	71994	24.991	ug/L	89
48) 2-Hexanone	10.965	43	90640	47.483	ug/L	99
49) Dibromochloromethane	11.129	129	78077	24.709	ug/L	94
50) 1,2-Dibromoethane	11.233	107	64137	23.636	ug/L	98
51) Chlorobenzene	11.654	112	255098	24.739	ug/L	99
52) Ethylbenzene	11.727	91	472067	26.189	ug/L	96
53) m,p-Xylene	11.837	106	169646	25.767	ug/L	96
54) o-Xylene	12.160	106	164235	26.691	ug/L	98
55) Styrene	12.178	104	286933	26.744	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	85866	22.964	ug/L	97
59) Bromoform	12.349	173	40597	23.317	ug/L	96
60) Isopropylbenzene	12.458	105	463325	27.372	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62279	22.477	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	344260	28.083	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	364959	27.670	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	194328	26.529	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	197487	25.339	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	171906	25.385	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	13710	21.203	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	128609	26.015	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	105434	26.309	ug/L	96
71) Naphthalene	15.360	128	195091	24.665	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	93221	25.530	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
Data File : VW029347.D
Acq On : 25 Jun 2024 15:51
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 02:27:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 26 02:25:08 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2024
Supervised By :Mahesh Dadoda 06/26/2024