Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029414.D
Acq On : 28 Jun 2024 21:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 29 02:17:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
07/01/2024
Supervised By :Mahesh Dadoda
07/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	255693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236484	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	120913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	53973	15.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.000%			
7) Chloroethane-d5	2.899	69	48368	16.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.720%			
11) 1,1-Dichloroethene-d2	4.027	65	28826	16.869	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.480%			
21) 2-Butanone-d5	7.075	46	46629	44.038	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.080%			
24) Chloroform-d	7.648	84	152339	19.973	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.880%			
26) 1,2-Dichloroethane-d4	8.307	65	86583	19.771	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.080%			
32) Benzene-d6	8.276	84	289878	20.181	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.720%			
36) 1,2-Dichloropropane-d6	9.270	67	94970	20.799	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.200%			
41) Toluene-d8	10.319	98	254136	19.998	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.000%			
43) trans-1,3-Dichloroprop...	10.575	79	36985	20.101	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.400%			
47) 2-Hexanone-d5	10.922	63	32119	44.873	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76717	21.111	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	88745	21.145	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	42017	16.843	ug/L	91
3) Chloromethane	2.223	50	60936	17.131	ug/L	97
5) Vinyl chloride	2.375	62	70902	17.358	ug/L	98
6) Bromomethane	2.789	94	43597	17.758	ug/L	96
8) Chloroethane	2.936	64	46238	18.507	ug/L	96
9) Trichlorofluoromethane	3.265	101	66962	21.144	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	69509m	19.907	ug/L	
12) 1,1-Dichloroethene	4.051	96	61264	20.678	ug/L #	76
13) Acetone	4.125	43	34904	38.789	ug/L	98
14) Carbon disulfide	4.393	76	171556	17.738	ug/L	98
15) Methyl Acetate	4.673	43	38007	21.276	ug/L	99
16) Methylene chloride	4.923	84	84961	18.897	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	68583	20.844	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	122634	23.296	ug/L	98
19) 1,1-Dichloroethane	6.216	63	153651	21.622	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	80770	22.261	ug/L	99
22) 2-Butanone	7.173	43	49673	40.270	ug/L	99
23) Bromochloromethane	7.514	128	34712	21.491	ug/L	93
25) Chloroform	7.679	83	154252	22.229	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029414.D
Acq On : 28 Jun 2024 21:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 29 02:17:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
07/01/2024
Supervised By :Mahesh Dadoda
07/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	107472	21.000	ug/L		99
29) Cyclohexane	7.953	56	111854	20.690	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	117132	22.274	ug/L		97
31) Carbon tetrachloride	8.069	117	102352	21.307	ug/L		96
33) Benzene	8.319	78	318567	22.420	ug/L		100
34) Trichloroethene	9.093	95	80010	21.106	ug/L		96
35) Methylcyclohexane	9.331	83	122951	20.623	ug/L		98
37) 1,2-Dichloropropane	9.368	63	90709	22.719	ug/L		98
38) Bromodichloromethane	9.642	83	110188	22.572	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	129120	22.877	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	110194	44.528	ug/L		99
42) Toluene	10.386	91	329175	22.535	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	106356	22.317	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	61167	21.996	ug/L		95
46) Tetrachloroethene	10.861	164	57400	21.660	ug/L		81
48) 2-Hexanone	10.965	43	76984	43.841	ug/L		98
49) Dibromochloromethane	11.129	129	65607	22.570	ug/L		96
50) 1,2-Dibromoethane	11.233	107	55131	22.086	ug/L	#	98
51) Chlorobenzene	11.654	112	211494	22.296	ug/L		99
52) Ethylbenzene	11.727	91	376832	22.726	ug/L		99
53) m,p-Xylene	11.837	106	139473	23.028	ug/L		95
54) o-Xylene	12.160	106	135011	23.852	ug/L		97
55) Styrene	12.178	104	239352	24.252	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	73534	21.378	ug/L		97
59) Bromoform	12.349	173	36162	21.821	ug/L		99
60) Isopropylbenzene	12.458	105	377949	23.459	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	53668	20.350	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	278709	23.886	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	304785	24.278	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	157844	22.639	ug/L		90
65) 1,4-Dichlorobenzene	13.568	146	157793	21.271	ug/L		98
67) 1,2-Dichlorobenzene	13.867	146	150311	23.320	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	11924	19.374	ug/L		95
69) 1,3,5-Trichlorobenzene	14.617	180	104724	22.256	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	91634	24.023	ug/L		93
71) Naphthalene	15.360	128	170149	22.601	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	78106	22.473	ug/L		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
Data File : VW029414.D
Acq On : 28 Jun 2024 21:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 29 02:17:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

07/01/2024

Supervised By :Mahesh Dadoda

07/01/2024