Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062024\
Data File : BG061609.D
Acq On : 20 Jun 2024 17:08
Operator : MA/JU
Sample : SSTD16015
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160444

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 17:44:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 17:08:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	54842	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	276704	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.706	164	192494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	422120	20.000	ng/ul	0.00
79) Chrysene-d12	21.721	240	369657	20.000	ng/ul	0.00
88) Perylene-d12	24.947	264	445885	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.883	84	764894	168.390	ng/ul	0.00
7) Phenol-d5	7.220	99	940577	157.487	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.408	67	565019	150.417	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.783	113	735620	159.787	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	11.028	131	1040189	150.711	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.900	143	399387	156.254	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.816	200	361361	213.615	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.901	79	800176	164.514	ng/ul	95
6) Benzaldehyde	7.215	77	289450	90.485	ng/ul	95
8) Phenol	7.250	94	987331	157.000	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.502	93	720457	151.080	ng/ul#	93
13) 2-Methylphenol	8.513	108	687517	156.075	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.607	45	1487377	153.046	ng/ul	98
16) Acetophenone	8.913	105	1118884	144.839	ng/ul	91
18) 4-Methylphenol	8.854	108	771745	156.457	ng/ul	94
32) 4-Chloroaniline	11.051	127	1004778	145.894	ng/ul	94
34) Caprolactam	11.862	113	251767m	144.661	ng/ul	
40) Hexachlorocyclopentadiene	12.884	237	594563	190.398	ng/ul	99
51) 3-Nitroaniline	14.612	138	383223	151.721	ng/ul#	96
53) 2,4-Dinitrophenol	14.812	184	249301	214.732	ng/ul	89
55) 4-Nitrophenol	14.917	109	414872	157.403	ng/ul	96
63) 4-Nitroaniline	15.787	138	383492	141.456	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.834	198	396509	204.796	ng/ul#	93
70) Atrazine	16.915	200	662941	150.179	ng/ul	98
71) Pentachlorophenol	17.091	266	526509	164.869	ng/ul	96
77) Carbazole	17.855	167	2759426	139.427	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.615	252	1004336	122.466	ng/ul	96
89) Di-n-octyl phthalate	22.855	149	3632016	153.109	ng/ul	100

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