Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059611.D
Acq On : 3 Nov 2023 22:25
Operator : MA/JU
Sample : SSTD16072
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160446

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

Quant Time: Nov 04 01:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	37645	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	167616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	101312	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	234445m	20.000	ng/ul	0.00
79) Chrysene-d12	22.084	240	195485m	20.000	ng/ul	0.01
88) Perylene-d12	25.692	264	250181m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.082	84	450402	164.172	ng/ul	0.00
7) Phenol-d5	7.478	99	617311	164.944	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.677	67	303072	168.941	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.052	113	498494	167.200	ng/ul	0.01
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	11.356	131	648871	150.927	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	15.186	143	255492	167.732	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.103	200	250891	213.672	ng/ul	0.03
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	4.105	79	473394	171.065	ng/ul	97
6) Benzaldehyde	7.501	77	270799	149.434	ng/ul	99
8) Phenol	7.507	94	621998	176.600	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.777	93	398376	152.933	ng/ul	91
13) 2-Methylphenol	8.782	108	507211	170.435	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.864	45	176231m	80.867	ng/ul	
16) Acetophenone	9.217	105	806993	164.973	ng/ul#	90
18) 4-Methylphenol	9.129	108	517706	163.295	ng/ul	99
32) 4-Chloroaniline	11.385	127	613236	150.344	ng/ul	95
34) Caprolactam	12.202	113	137170m	151.983	ng/ul	
40) Hexachlorocyclopentadiene	13.130	237	357234	209.361	ng/ul#	91
51) 3-Nitroaniline	14.922	138	272839	161.249	ng/ul	93
53) 2,4-Dinitrophenol	15.116	184	190847	230.719	ng/ul#	63
55) 4-Nitrophenol	15.204	109	509228	275.185	ng/ul	85
63) 4-Nitroaniline	16.103	138	253870m	145.324	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.115	198	258228m	208.832	ng/ul	
70) Atrazine	17.178	200	419527	168.197	ng/ul	91
71) Pentachlorophenol	17.360	266	294687m	189.785	ng/ul	
77) Carbazole	18.153	167	1944361	151.326	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.967	252	668572	133.716	ng/ul	95
89) Di-n-octyl phthalate	23.247	149	2413452	121.281	ng/ul	100

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

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