Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037712.D
Acq On : 12 Sep 2025 14:45
Operator : RC/JU
Sample : SSTD16046
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 15:36:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:23:21 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160243

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	221469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	809030	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	465843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	849480	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	910698	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	994288	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	3.670	84	2244299	162.657	ng/ul	0.00
7) Phenol-d5	6.999	99	2577731	155.253	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	1533449	151.499	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.552	113	2035047	150.132	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	10.781	131	2745166	157.341	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	14.698	143	1075464	173.994	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.616	200	828864	180.693	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	3.693	79	2309073	162.908	ng/ul	98
6) Benzaldehyde	6.969	77	608298	78.952	ng/ul	98
8) Phenol	7.028	94	2639405	154.305	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	2053936	148.358	ng/ul	98
13) 2-Methylphenol	8.281	108	1952941	151.135	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.369	45	2806204	140.803	ng/ul	99
16) Acetophenone	8.669	105	3070223	144.512	ng/ul	98
18) 4-Methylphenol	8.622	108	2105524	151.333	ng/ul	97
32) 4-Chloroaniline	10.804	127	2708353	154.865	ng/ul	98
34) Caprolactam	11.599	113	631251m	172.012	ng/ul	
40) Hexachlorocyclopentadiene	12.675	237	1561013	171.169	ng/ul	98
51) 3-Nitroaniline	14.398	138	907144	148.529	ng/ul	94
53) 2,4-Dinitrophenol	14.604	184	559329	180.248	ng/ul	90
55) 4-Nitrophenol	14.710	109	775633	174.039	ng/ul	98
63) 4-Nitroaniline	15.569	138	787935	137.615	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.628	198	876024	176.712	ng/ul#	96
70) Atrazine	16.716	200	1511849	159.051	ng/ul	99
71) Pentachlorophenol	16.892	266	1205387	174.210	ng/ul	95
77) Carbazole	17.645	167	6961458	159.994	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	2910080	164.141	ng/ul	96
89) Di-n-octyl phthalate	22.598	149	9221641	156.537	ng/ul	100

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