Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
Data File : BN038095.D
Acq On : 17 Oct 2025 13:12
Operator : RC/JU
Sample : SSTD16052
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 15:02:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 17 14:30:24 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD160201

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	264430	20.00	ng/ul	0.00
20) Naphthalene-d8	10.593	136	1095561	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	651266	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1198502	20.00	ng/ul	0.00
79) Chrysene-d12	21.457	240	1165126	20.00	ng/ul	0.00
88) Perylene-d12	24.510	264	1229315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.634	84	2820474	165.66	ng/ul	0.00
7) Phenol-d5	6.958	99	3688037	188.59	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	2149448	176.05	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.510	113	2991032	192.20	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.728	131	4069807	175.60	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.669	143	1643436	197.76	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.575	200	1443830	249.15	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.658	79	3032696	170.61	ng/ul	96
6) Benzaldehyde	6.922	77	826347	86.86	ng/ul	97
8) Phenol	6.987	94	3761636	184.16	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.211	93	2939605	178.35	ng/ul	100
13) 2-Methylphenol	8.234	108	2893703	191.19	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	4159327	182.51	ng/ul	98
16) Acetophenone	8.622	105	4572998	183.49	ng/ul	98
18) 4-Methylphenol	8.581	108	3108568	189.20	ng/ul	99
32) 4-Chloroaniline	10.757	127	4029342	173.98	ng/ul	97
34) Caprolactam	11.575	113	949226m	201.32	ng/ul	
40) Hexachlorocyclopentadiene	12.622	237	2539682	192.44	ng/ul	100
51) 3-Nitroaniline	14.363	138	1708690	200.99	ng/ul	95
53) 2,4-Dinitrophenol	14.563	184	1145263	319.62	ng/ul	94
55) 4-Nitrophenol	14.681	109	1210811	190.35	ng/ul	92
63) 4-Nitroaniline	15.540	138	1471222	181.37	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	1503742	234.11	ng/ul#	97
70) Atrazine	16.681	200	2277391	175.34	ng/ul	98
71) Pentachlorophenol	16.857	266	1988984	214.64	ng/ul	92
77) Carbazole	17.610	167	10276684	163.40	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	2932500	131.85	ng/ul	94
89) Di-n-octyl phthalate	22.522	149	14939042	240.22	ng/ul	100

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

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