Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062025\
Data File : BN037345.D
Acq On : 19 Jun 2025 14:16
Operator : RC/JU
Sample : SSTD16034
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160229

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 19 14:57:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN062025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 19 14:36:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	123758	20.000	ng/ul	0.00
20) Naphthalene-d8	10.345	136	403510	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.222	164	298965	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.974	188	655638	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	783899	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	744100	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.463	84	997667	113.238	ng/ul	0.00
7) Phenol-d5	6.757	99	1174012	115.270	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.916	67	691528	95.536	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.292	113	959868	116.159	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	10.498	131	1289755	146.478	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	14.463	143	593677	146.398	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.369	200	862496	201.138	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	3.487	79	1025124	111.557	ng/ul	94
6) Benzaldehyde	6.716	77	338998	65.726	ng/ul	99
8) Phenol	6.787	94	1203822	111.845	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.010	93	939925	110.755	ng/ul	96
13) 2-Methylphenol	8.022	108	893238	115.027	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.098	45	772990	49.116	ng/ul	98
16) Acetophenone	8.398	105	1502234	110.772	ng/ul	97
18) 4-Methylphenol	8.369	108	956438	110.474	ng/ul	97
32) 4-Chloroaniline	10.522	127	1272019	149.896	ng/ul	95
34) Caprolactam	11.339	113	293660m	147.674	ng/ul	
40) Hexachlorocyclopentadiene	12.381	237	1549751	269.612	ng/ul	95
51) 3-Nitroaniline	14.145	138	511420	123.679	ng/ul	91
53) 2,4-Dinitrophenol	14.357	184	593435	210.184	ng/ul	90
55) 4-Nitrophenol	14.480	109	518332	116.889	ng/ul#	84
63) 4-Nitroaniline	15.327	138	436478m	112.954	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.380	198	873962	190.022	ng/ul#	91
70) Atrazine	16.469	200	1386111	185.212	ng/ul	96
71) Pentachlorophenol	16.633	266	1085201	215.445	ng/ul	98
77) Carbazole	17.386	167	4918043	148.755	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.127	252	2616189	180.670	ng/ul#	95
89) Di-n-octyl phthalate	22.221	149	6730159	117.227	ng/ul	100

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