Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141908.D
Acq On : 10 Mar 2025 17:39
Operator : RC/JU
Sample : SP6752
Misc : 8270 SPIKE
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP6752

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 18:00:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	185405	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	771371	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	480697	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	790145	20.000	ng		0.00
76) Chrysene-d12	14.039	240	501951	20.000	ng		0.00
86) Perylene-d12	15.509	264	402796	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	244133	52.449	ng		99
3) Pyridine	3.516	79	618434	54.165	ng		99
4) n-Nitrosodimethylamine	3.481	42	285997	52.547	ng		98
6) Aniline	6.539	93	568451	40.740	ng		100
8) 2-Chlorophenol	6.663	128	675576	54.832	ng		100
9) Benzaldehyde	6.434	77	529557	66.943	ng		100
10) Phenol	6.510	94	825248	55.460	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	586909	52.528	ng		100
12) 1,3-Dichlorobenzene	6.822	146	701404	52.731	ng		99
13) 1,4-Dichlorobenzene	6.898	146	705711	52.437	ng		99
14) 1,2-Dichlorobenzene	7.051	146	680366	53.672	ng		98
15) Benzyl Alcohol	7.016	79	605767	52.976	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	696059	51.601	ng		99
17) 2-Methylphenol	7.128	107	550955	56.241	ng		99
18) Hexachloroethane	7.392	117	267040	52.913	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	462946	50.938	ng		99
20) 3+4-Methylphenols	7.281	107	681231	54.291	ng	#	90
22) Acetophenone	7.286	105	901514	48.803	ng		96
24) Nitrobenzene	7.457	77	716114	52.554	ng		100
25) Isophorone	7.698	82	1354353	55.897	ng		99
26) 2-Nitrophenol	7.775	139	369084	55.187	ng		99
27) 2,4-Dimethylphenol	7.810	122	678883	73.721	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	799608	52.617	ng		100
29) 2,4-Dichlorophenol	8.016	162	623367	54.536	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	659721	52.373	ng		99
31) Naphthalene	8.186	128	1968215	49.672	ng		100
32) Benzoic acid	7.934	122	441735	54.570	ng		98
33) 4-Chloroaniline	8.228	127	209441	14.973	ng		99
34) Hexachlorobutadiene	8.298	225	430248	52.374	ng		99
35) Caprolactam	8.610	113	210205m	60.320	ng		
36) 4-Chloro-3-methylphenol	8.710	107	680224	53.348	ng		99
37) 2-Methylnaphthalene	8.875	142	1275441	48.157	ng		99
38) 1-Methylnaphthalene	8.975	142	1309524	51.238	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	708155	48.387	ng		98
41) Hexachlorocyclopentadiene	9.028	237	1002146	174.966	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	497612	52.026	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	499132	51.525	ng		99
46) 1,1'-Biphenyl	9.339	154	1719033	47.066	ng		100
47) 2-Chloronaphthalene	9.363	162	1306548	47.994	ng		99
48) 2-Nitroaniline	9.457	65	414114	52.538	ng		99
49) Acenaphthylene	9.780	152	2131591	52.765	ng		99
50) Dimethylphthalate	9.645	163	1666317	49.501	ng		100
51) 2,6-Dinitrotoluene	9.704	165	359046	51.228	ng		96
52) Acenaphthene	9.951	154	1551085	54.635	ng		99
53) 3-Nitroaniline	9.869	138	170083	23.923	ng		98
54) 2,4-Dinitrophenol	9.975	184	391165	96.731	ng	#	50
55) Dibenzofuran	10.127	168	1915054	47.208	ng		100
56) 4-Nitrophenol	10.027	139	573340	106.938	ng		99
57) 2,4-Dinitrotoluene	10.110	165	492330	53.782	ng		97
58) Fluorene	10.469	166	1480049	47.311	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	430080	48.789	ng		99
60) Diethylphthalate	10.339	149	1557805	46.411	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	773805	47.445	ng		100
62) 4-Nitroaniline	10.486	138	333400	48.169	ng		99
63) Azobenzene	10.616	77	1457594	46.709	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	258662	54.913	ng		98
66) n-Nitrosodiphenylamine	10.575	169	1306247	51.086	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	518071	52.208	ng		96
68) Hexachlorobenzene	11.016	284	587628	53.992	ng		96
69) Atrazine	11.104	200	498311	63.572	ng		99
70) Pentachlorophenol	11.204	266	700539	104.469	ng		99
71) Phenanthrene	11.427	178	2127811	49.857	ng		100
72) Anthracene	11.480	178	2149035	50.191	ng		99
73) Carbazole	11.633	167	1834992	49.693	ng		99
74) Di-n-butylphthalate	11.963	149	2368601	48.342	ng		100
75) Fluoranthene	12.616	202	2179525	48.143	ng		100
77) Benzidine	12.733	184	1186709	169.453	ng		99
78) Pyrene	12.845	202	2262627	52.111	ng		100
80) Butylbenzylphthalate	13.463	149	895717	52.706	ng		100
81) Benzo(a)anthracene	14.027	228	1759395	53.415	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	212718	22.347	ng		100
83) Chrysene	14.068	228	1514957	50.740	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1243937	53.088	ng		99
85) Di-n-octyl phthalate	14.633	149	1814905	55.667	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1367511	52.483	ng		99
88) Benzo(b)fluoranthene	15.080	252	1279727	46.357	ng		100
89) Benzo(k)fluoranthene	15.110	252	1275222	53.979	ng		100
90) Benzo(a)pyrene	15.451	252	1182056	54.723	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1126749	52.411	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1039840	48.946	ng		99

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

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