Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141912.D
Acq On : 11 Mar 2025 12:51
Operator : RC/JU
Sample : PB167012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 11 13:13:09 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

Instrument :
BNA_F
ClientSampleId :
PB167012BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	184657	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	747989	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	446834	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	767875	20.000	ng		0.00
76) Chrysene-d12	14.039	240	492551	20.000	ng		0.00
86) Perylene-d12	15.509	264	412337	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1410034	127.441	ng		0.02
7) Phenol-d6	6.504	99	1768099	125.511	ng		0.00
23) Nitrobenzene-d5	7.445	82	1176171	88.491	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	786997	138.833	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2509203	85.401	ng		0.00
79) Terphenyl-d14	12.986	244	3144530	94.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	176154	37.998	ng		99
3) Pyridine	3.528	79	414716	36.469	ng		100
4) n-Nitrosodimethylamine	3.469	42	216070	39.860	ng		99
6) Aniline	6.545	93	528502	38.030	ng		100
8) 2-Chlorophenol	6.663	128	525492	42.824	ng		100
9) Benzaldehyde	6.428	77	173950	22.079	ng		100
10) Phenol	6.522	94	624057	42.109	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	460410	41.373	ng		99
12) 1,3-Dichlorobenzene	6.822	146	539092	40.693	ng		99
13) 1,4-Dichlorobenzene	6.898	146	553694	41.308	ng		99
14) 1,2-Dichlorobenzene	7.051	146	530249	41.999	ng		98
15) Benzyl Alcohol	7.016	79	467000	41.006	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	545528	40.606	ng		99
17) 2-Methylphenol	7.128	107	433101	44.390	ng		99
18) Hexachloroethane	7.392	117	206361	41.055	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	368389	40.698	ng		99
20) 3+4-Methylphenols	7.281	107	538615	43.099	ng	#	89
22) Acetophenone	7.286	105	796984	44.493	ng		96
24) Nitrobenzene	7.463	77	547931	41.468	ng		99
25) Isophorone	7.698	82	1031311	43.895	ng		100
26) 2-Nitrophenol	7.775	139	280000	43.176	ng		99
27) 2,4-Dimethylphenol	7.810	122	477228	53.443	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	605810	41.111	ng		99
29) 2,4-Dichlorophenol	8.016	162	470568	42.455	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	490890	40.188	ng		100
31) Naphthalene	8.180	128	1543197	40.163	ng		100
32) Benzoic acid	7.928	122	380831	48.517	ng		99
33) 4-Chloroaniline	8.228	127	269648	19.880	ng		98
34) Hexachlorobutadiene	8.298	225	326107	40.938	ng		99
35) Caprolactam	8.598	113	163653m	48.429	ng		
36) 4-Chloro-3-methylphenol	8.710	107	530526	42.909	ng		98
37) 2-Methylnaphthalene	8.875	142	1018669	39.664	ng		99
38) 1-Methylnaphthalene	8.975	142	1006929	40.630	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	592823	43.576	ng		97
41) Hexachlorocyclopentadiene	9.027	237	761350	142.999	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	377685	42.480	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	378302	42.011	ng		98
46) 1,1'-Biphenyl	9.339	154	1506272	44.366	ng		100
47) 2-Chloronaphthalene	9.363	162	1033961	40.859	ng		99
48) 2-Nitroaniline	9.457	65	315690	43.086	ng		99
49) Acenaphthylene	9.780	152	1615328	43.015	ng		100
50) Dimethylphthalate	9.639	163	1304333	41.684	ng		100
51) 2,6-Dinitrotoluene	9.698	165	284720	43.702	ng		98
52) Acenaphthene	9.951	154	1210769	45.880	ng		99
53) 3-Nitroaniline	9.869	138	185407	28.055	ng		98
54) 2,4-Dinitrophenol	9.974	184	305424	82.304	ng	#	48
55) Dibenzofuran	10.122	168	1492523	39.581	ng		100
56) 4-Nitrophenol	10.027	139	461921	92.685	ng		97
57) 2,4-Dinitrotoluene	10.104	165	390807	45.927	ng		100
58) Fluorene	10.469	166	1188252	40.862	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346049	42.232	ng		100
60) Diethylphthalate	10.339	149	1299882	41.662	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	629696	41.535	ng		98
62) 4-Nitroaniline	10.486	138	275869	42.878	ng		98
63) Azobenzene	10.616	77	1162629	40.080	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	198679	43.402	ng		100
66) n-Nitrosodiphenylamine	10.580	169	1055983	42.496	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	402742	41.763	ng		96
68) Hexachlorobenzene	11.016	284	460847	43.571	ng		95
69) Atrazine	11.104	200	435190	57.129	ng		99
70) Pentachlorophenol	11.204	266	557141	85.494	ng		100
71) Phenanthrene	11.427	178	1762158	42.487	ng		100
72) Anthracene	11.480	178	1787717	42.963	ng		100
73) Carbazole	11.633	167	1505049	41.940	ng		99
74) Di-n-butylphthalate	11.963	149	1956127	41.081	ng		100
75) Fluoranthene	12.615	202	1792812	40.750	ng		100
77) Benzidine	12.733	184	544235	79.196	ng		99
78) Pyrene	12.845	202	1775108	41.663	ng		100
80) Butylbenzylphthalate	13.462	149	719394	43.139	ng		99
81) Benzo(a)anthracene	14.027	228	1428951	44.211	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	281380	30.125	ng		99
83) Chrysene	14.068	228	1187792	40.541	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	991942	43.141	ng		100
85) Di-n-octyl phthalate	14.633	149	1411316	44.114	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1167143	43.757	ng		99
88) Benzo(b)fluoranthene	15.080	252	1095375	38.761	ng		100
89) Benzo(k)fluoranthene	15.109	252	1076737	44.523	ng		100
90) Benzo(a)pyrene	15.451	252	1004550	45.430	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	961369	43.683	ng		100
92) Benzo(g,h,i)perylene	17.450	276	878097	40.376	ng		98

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

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