Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141914.D
Acq On : 11 Mar 2025 13:50
Operator : RC/JU
Sample : PB167078BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 11 14:13:17 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 :
PB167078BS

Manual Integrations APPROVED

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

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	194258	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	783150	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	458173	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	794152	20.000	ng	0.00
76) Chrysene-d12	14.039	240	514358	20.000	ng	0.00
86) Perylene-d12	15.510	264	432890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1579224	135.678	ng	0.02
7) Phenol-d6	6.510	99	1976302	133.357	ng	0.00
23) Nitrobenzene-d5	7.445	82	1325808	95.270	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	879814	151.365	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2796909	92.838	ng	0.00
79) Terphenyl-d14	12.986	244	3415405	98.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	202109	41.442	ng	99
3) Pyridine	3.534	79	477176	39.888	ng	99
4) n-Nitrosodimethylamine	3.481	42	247377	43.380	ng	99
6) Aniline	6.545	93	584885	40.007	ng	100
8) 2-Chlorophenol	6.663	128	593300	45.960	ng	99
9) Benzaldehyde	6.428	77	178499	21.536	ng	99
10) Phenol	6.522	94	696343	44.664	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	516428	44.114	ng	100
12) 1,3-Dichlorobenzene	6.822	146	609944	43.765	ng	99
13) 1,4-Dichlorobenzene	6.898	146	617424	43.786	ng	99
14) 1,2-Dichlorobenzene	7.051	146	595686	44.850	ng	98
15) Benzyl Alcohol	7.022	79	530822	44.306	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	608617	43.063	ng	98
17) 2-Methylphenol	7.128	107	480905	46.853	ng	99
18) Hexachloroethane	7.392	117	233956	44.245	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	408883	42.939	ng	98
20) 3+4-Methylphenols	7.281	107	610634	46.447	ng	92
22) Acetophenone	7.292	105	895615	47.754	ng	99
24) Nitrobenzene	7.463	77	618481	44.706	ng	100
25) Isophorone	7.698	82	1157530	47.056	ng	99
26) 2-Nitrophenol	7.775	139	316216	46.571	ng	98
27) 2,4-Dimethylphenol	7.810	122	537084	57.445	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	678927	44.004	ng	100
29) 2,4-Dichlorophenol	8.016	162	527921	45.491	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	552443	43.197	ng	99
31) Naphthalene	8.187	128	1707983	42.456	ng	100
32) Benzoic acid	7.934	122	436387m	53.098	ng	
33) 4-Chloroaniline	8.228	127	249925	17.599	ng	99
34) Hexachlorobutadiene	8.298	225	366710	43.968	ng	99
35) Caprolactam	8.604	113	174905m	49.435	ng	
36) 4-Chloro-3-methylphenol	8.710	107	588497	45.460	ng	98
37) 2-Methylnaphthalene	8.875	142	1130180	42.030	ng	100
38) 1-Methylnaphthalene	8.975	142	1110213	42.786	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	669756	48.013	ng	98
41) Hexachlorocyclopentadiene	9.028	237	868792	159.141	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	420307	46.104	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	425631	46.097	ng		99
46) 1,1'-Biphenyl	9.339	154	1663681	47.790	ng		100
47) 2-Chloronaphthalene	9.363	162	1152083	44.400	ng		99
48) 2-Nitroaniline	9.457	65	347407	46.241	ng		99
49) Acenaphthylene	9.781	152	1790023	46.488	ng		100
50) Dimethylphthalate	9.639	163	1429251	44.546	ng		100
51) 2,6-Dinitrotoluene	9.698	165	311261	46.594	ng		99
52) Acenaphthene	9.951	154	1333159	49.267	ng		99
53) 3-Nitroaniline	9.869	138	188775	27.858	ng		100
54) 2,4-Dinitrophenol	9.975	184	342063	89.289	ng	#	49
55) Dibenzofuran	10.122	168	1646514	42.584	ng		100
56) 4-Nitrophenol	10.028	139	498909	97.630	ng		99
57) 2,4-Dinitrotoluene	10.104	165	429552	49.231	ng		98
58) Fluorene	10.469	166	1303431	43.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	386656	46.020	ng		99
60) Diethylphthalate	10.339	149	1404991	43.916	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	696298	44.791	ng		98
62) 4-Nitroaniline	10.486	138	299324	45.372	ng		99
63) Azobenzene	10.616	77	1278150	42.972	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	223563	47.222	ng		97
66) n-Nitrosodiphenylamine	10.580	169	1157992	45.060	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	449275	45.046	ng		96
68) Hexachlorobenzene	11.016	284	507178	46.365	ng		96
69) Atrazine	11.104	200	473746	60.133	ng		99
70) Pentachlorophenol	11.204	266	619482	91.915	ng		100
71) Phenanthrene	11.427	178	1900919	44.316	ng		100
72) Anthracene	11.480	178	1968715	45.747	ng		100
73) Carbazole	11.633	167	1655981	44.619	ng		100
74) Di-n-butylphthalate	11.963	149	2132173	43.297	ng		100
75) Fluoranthene	12.616	202	1952826	42.918	ng		100
77) Benzidine	12.733	184	713921	99.484	ng		99
78) Pyrene	12.845	202	1970904	44.297	ng		100
80) Butylbenzylphthalate	13.463	149	786731	45.177	ng		99
81) Benzo(a)anthracene	14.027	228	1583333	46.910	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	275985	28.295	ng		99
83) Chrysene	14.068	228	1338370	43.744	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1085134	45.193	ng		100
85) Di-n-octyl phthalate	14.633	149	1567440	46.917	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1304868	46.597	ng		99
88) Benzo(b)fluoranthene	15.080	252	1194594	40.265	ng		100
89) Benzo(k)fluoranthene	15.110	252	1232203	48.532	ng		100
90) Benzo(a)pyrene	15.451	252	1122154	48.339	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	1068785	46.258	ng		100
92) Benzo(g,h,i)perylene	17.451	276	971052	42.530	ng		99

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

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