Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141483.D
Acq On : 06 Feb 2025 16:36
Operator : RC/JU
Sample : PB166468BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 17:28:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89900	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367036	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	206778	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	358845	20.000	ng	0.00
76) Chrysene-d12	13.957	240	272627	20.000	ng	0.00
86) Perylene-d12	15.415	264	215428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	520779	90.817	ng	0.00
7) Phenol-d6	6.428	99	653760	90.202	ng	-0.01
23) Nitrobenzene-d5	7.351	82	638627	90.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	189371	91.167	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1205300	89.803	ng	0.00
79) Terphenyl-d14	12.904	244	1451646	89.889	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	89902	38.953	ng	99
3) Pyridine	3.304	79	216330	39.390	ng	100
4) n-Nitrosodimethylamine	3.257	42	153918	42.325	ng	99
6) Aniline	6.451	93	251940	37.057	ng	99
8) 2-Chlorophenol	6.575	128	273377	44.120	ng	99
9) Benzaldehyde	6.340	77	212342	55.133	ng	99
10) Phenol	6.445	94	330765	43.848	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	247323	43.650	ng	99
12) 1,3-Dichlorobenzene	6.728	146	279692	42.757	ng	99
13) 1,4-Dichlorobenzene	6.804	146	280440	41.960	ng	99
14) 1,2-Dichlorobenzene	6.957	146	271762	43.811	ng	99
15) Benzyl Alcohol	6.934	79	244174	43.932	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	424396	43.756	ng	84
17) 2-Methylphenol	7.051	107	213886	44.110	ng	98
18) Hexachloroethane	7.298	117	106264	42.961	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	191264	44.118	ng	99
20) 3+4-Methylphenols	7.204	107	279723	45.393	ng	96
22) Acetophenone	7.198	105	415763	45.537	ng	99
24) Nitrobenzene	7.375	77	290115	42.279	ng	99
25) Isophorone	7.610	82	520208	46.363	ng	99
26) 2-Nitrophenol	7.687	139	147203	43.118	ng	98
27) 2,4-Dimethylphenol	7.728	122	218065	54.677	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	310040	43.123	ng	99
29) 2,4-Dichlorophenol	7.934	162	231610	42.981	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	243255	41.454	ng	98
31) Naphthalene	8.092	128	785237	41.100	ng	100
32) Benzoic acid	7.863	122	197709	47.726	ng	99
33) 4-Chloroaniline	8.145	127	152454	22.855	ng	99
34) Hexachlorobutadiene	8.210	225	150337	42.675	ng	100
35) Caprolactam	8.516	113	81993m	49.975	ng	
36) 4-Chloro-3-methylphenol	8.634	107	264481	44.309	ng	98
37) 2-Methylnaphthalene	8.786	142	510592	41.069	ng	99
38) 1-Methylnaphthalene	8.881	142	498626	41.409	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	274009	45.803	ng	99
41) Hexachlorocyclopentadiene	8.939	237	308246	154.915	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	168953	43.697	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180713	43.126	ng	98
46) 1,1'-Biphenyl	9.251	154	738457	46.064	ng	99
47) 2-Chloronaphthalene	9.275	162	503741	42.494	ng	100
48) 2-Nitroaniline	9.375	65	174522	43.867	ng	98
49) Acenaphthylene	9.692	152	795831	45.135	ng	99
50) Dimethylphthalate	9.551	163	608071	43.317	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134050	43.683	ng	99
52) Acenaphthene	9.863	154	504161	42.531	ng	100
53) 3-Nitroaniline	9.781	138	83582	25.306	ng	99
54) 2,4-Dinitrophenol	9.898	184	177003	97.050	ng	95
55) Dibenzofuran	10.033	168	721298	41.455	ng	100
56) 4-Nitrophenol	9.963	139	238975	97.468	ng	98
57) 2,4-Dinitrotoluene	10.022	165	193080	47.263	ng	98
58) Fluorene	10.375	166	577492	42.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	155945	43.226	ng	99
60) Diethylphthalate	10.251	149	596065	43.158	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	280329	43.313	ng	99
62) 4-Nitroaniline	10.404	138	139964	41.733	ng	100
63) Azobenzene	10.528	77	583393	42.490	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	113214	45.418	ng	94
66) n-Nitrosodiphenylamine	10.492	169	501045	43.619	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175510	43.762	ng	96
68) Hexachlorobenzene	10.922	284	187578	45.421	ng	98
69) Atrazine	11.022	200	199322	57.840	ng	99
70) Pentachlorophenol	11.122	266	235159	89.053	ng	100
71) Phenanthrene	11.339	178	874464	44.270	ng	100
72) Anthracene	11.392	178	890846	44.864	ng	99
73) Carbazole	11.551	167	790327	44.235	ng	100
74) Di-n-butylphthalate	11.880	149	925802	44.877	ng	100
75) Fluoranthene	12.527	202	933273	44.565	ng	100
77) Benzidine	12.651	184	355064	59.053	ng	99
78) Pyrene	12.757	202	954862	41.144	ng	100
80) Butylbenzylphthalate	13.380	149	369557	45.973	ng	99
81) Benzo(a)anthracene	13.945	228	812744	44.847	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	171542	33.044	ng	100
83) Chrysene	13.986	228	713556	42.643	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	453122	49.979	ng	99
85) Di-n-octyl phthalate	14.563	149	659898	51.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	628876	47.245	ng	98
88) Benzo(b)fluoranthene	14.998	252	631813	43.679	ng	100
89) Benzo(k)fluoranthene	15.027	252	595384	48.202	ng	99
90) Benzo(a)pyrene	15.357	252	565702	48.332	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	513551	47.614	ng	99
92) Benzo(g,h,i)perylene	17.298	276	494669	43.827	ng	100

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

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