Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141558.D
Acq On : 11 Feb 2025 13:32
Operator : RC/JU
Sample : PB166610BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 13:54:07 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

Instrument :
BNA_F
ClientSampleId :
PB166610BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

02/11/2025
Supervised By :mohammad ahmed

02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	91531	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368818	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	210241	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	369028	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237305	20.000	ng	0.00
86) Perylene-d12	15.409	264	181120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	742111	127.109	ng	0.01
7) Phenol-d6	6.434	99	920468	124.737	ng	0.00
23) Nitrobenzene-d5	7.351	82	609667	86.219	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	277770	131.522	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1183886	86.755	ng	0.00
79) Terphenyl-d14	12.898	244	1423318	101.254	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	92469	39.352	ng	98
3) Pyridine	3.310	79	218090	39.003	ng	99
4) n-Nitrosodimethylamine	3.257	42	146462	39.557	ng	95
6) Aniline	6.451	93	253662	36.645	ng	92
8) 2-Chlorophenol	6.575	128	274566	43.522	ng	99
9) Benzaldehyde	6.339	77	170044	43.364	ng	99
10) Phenol	6.445	94	321445	41.853	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	241289	41.827	ng	99
12) 1,3-Dichlorobenzene	6.728	146	278387	41.799	ng	98
13) 1,4-Dichlorobenzene	6.804	146	284514	41.811	ng	100
14) 1,2-Dichlorobenzene	6.957	146	272763	43.189	ng	99
15) Benzyl Alcohol	6.934	79	239292	42.287	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	422487	42.783	ng	85
17) 2-Methylphenol	7.051	107	217057	43.967	ng	98
18) Hexachloroethane	7.298	117	107436	42.661	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	189319	42.891	ng	99
20) 3+4-Methylphenols	7.204	107	277201	44.182	ng	97
22) Acetophenone	7.198	105	415135	45.249	ng	98
24) Nitrobenzene	7.375	77	284685	41.287	ng	99
25) Isophorone	7.610	82	517627	45.910	ng	99
26) 2-Nitrophenol	7.686	139	147515	43.001	ng	96
27) 2,4-Dimethylphenol	7.728	122	222510	55.522	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	315137	43.620	ng	100
29) 2,4-Dichlorophenol	7.933	162	231562	42.765	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	245036	41.556	ng	98
31) Naphthalene	8.092	128	785327	40.906	ng	100
32) Benzoic acid	7.869	122	175023	42.046	ng	99
33) 4-Chloroaniline	8.145	127	133726	19.951	ng	98
34) Hexachlorobutadiene	8.210	225	149836	42.328	ng	99
35) Caprolactam	8.516	113	81135m	49.213	ng	
36) 4-Chloro-3-methylphenol	8.633	107	261970	43.676	ng	98
37) 2-Methylnaphthalene	8.786	142	506858	40.571	ng	100
38) 1-Methylnaphthalene	8.880	142	497659	41.129	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	276797	45.507	ng	99
41) Hexachlorocyclopentadiene	8.933	237	298830	147.709	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	165705	42.151	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180900	42.460	ng	100
46) 1,1'-Biphenyl	9.251	154	738633	45.316	ng	99
47) 2-Chloronaphthalene	9.275	162	510849	42.383	ng	99
48) 2-Nitroaniline	9.375	65	171020	42.279	ng	97
49) Acenaphthylene	9.686	152	793104	44.239	ng	99
50) Dimethylphthalate	9.551	163	612718	42.929	ng	99
51) 2,6-Dinitrotoluene	9.616	165	136547	43.763	ng	97
52) Acenaphthene	9.863	154	492909	40.897	ng	99
53) 3-Nitroaniline	9.780	138	83111	24.749	ng	98
54) 2,4-Dinitrophenol	9.898	184	165048	89.005	ng	95
55) Dibenzofuran	10.033	168	717285	40.546	ng	100
56) 4-Nitrophenol	9.963	139	214717	86.132	ng	96
57) 2,4-Dinitrotoluene	10.022	165	183162	44.097	ng	100
58) Fluorene	10.374	166	576936	42.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154725	42.182	ng	96
60) Diethylphthalate	10.251	149	600229	42.743	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	282150	42.876	ng	99
62) 4-Nitroaniline	10.398	138	138900	40.734	ng	99
63) Azobenzene	10.527	77	582613	41.734	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	109825	42.842	ng	94
66) n-Nitrosodiphenylamine	10.486	169	512014	43.343	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	179156	43.438	ng	98
68) Hexachlorobenzene	10.921	284	185184	43.604	ng	98
69) Atrazine	11.016	200	198643	56.052	ng	99
70) Pentachlorophenol	11.121	266	220312	81.128	ng	99
71) Phenanthrene	11.339	178	869794	42.819	ng	100
72) Anthracene	11.392	178	880546	43.122	ng	99
73) Carbazole	11.545	167	776623	42.269	ng	100
74) Di-n-butylphthalate	11.874	149	928548	43.768	ng	100
75) Fluoranthene	12.527	202	909208	42.218	ng	100
77) Benzidine	12.651	184	309939	59.221	ng	99
78) Pyrene	12.757	202	923946	45.737	ng	99
80) Butylbenzylphthalate	13.374	149	341465	48.801	ng	99
81) Benzo(a)anthracene	13.945	228	691048	43.808	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	117570	26.019	ng	97
83) Chrysene	13.980	228	620817	42.623	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	399334	50.602	ng	99
85) Di-n-octyl phthalate	14.557	149	530960	47.163	ng	99
87) Indeno(1,2,3-cd)pyrene	16.856	276	538932	48.157	ng	99
88) Benzo(b)fluoranthene	14.992	252	486764	40.026	ng	99
89) Benzo(k)fluoranthene	15.021	252	473841	45.629	ng	99
90) Benzo(a)pyrene	15.351	252	451515	45.883	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	445501	49.128	ng	99
92) Benzo(g,h,i)perylene	17.286	276	429473	45.258	ng	100

02/11/2025
Supervised By :mohammad ahmed

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

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