Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141504.D
Acq On : 07 Feb 2025 13:25
Operator : RC/JU
Sample : PB166580BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 07 13:57:54 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 :
PB166580BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/10/2025
Supervised By :mohammad ahmed 02/12/2025

Supervised By :mohammad ahmed
02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	84165	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	329234	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	190397	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	321760	20.000	ng		0.00
76) Chrysene-d12	13.957	240	232619	20.000	ng		0.00
86) Perylene-d12	15.410	264	185585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	727695	135.548	ng		0.00
7) Phenol-d6	6.434	99	904787	133.343	ng		0.00
23) Nitrobenzene-d5	7.357	82	591144	93.651	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	260751	136.332	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1124942	91.027	ng		0.00
79) Terphenyl-d14	12.904	244	1341199	97.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	90686	41.970	ng		98
3) Pyridine	3.316	79	213258	41.476	ng		99
4) n-Nitrosodimethylamine	3.263	42	149187	43.820	ng		100
6) Aniline	6.451	93	253445	39.818	ng		94
8) 2-Chlorophenol	6.575	128	264365	45.573	ng		99
9) Benzaldehyde	6.340	77	167427	46.433	ng		99
10) Phenol	6.445	94	313508	44.392	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	234980	44.298	ng		99
12) 1,3-Dichlorobenzene	6.728	146	268734	43.881	ng		99
13) 1,4-Dichlorobenzene	6.804	146	274404	43.855	ng		99
14) 1,2-Dichlorobenzene	6.957	146	262812	45.255	ng		99
15) Benzyl Alcohol	6.934	79	227643	43.749	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	405278	44.632	ng		83
17) 2-Methylphenol	7.051	107	206060	45.392	ng		97
18) Hexachloroethane	7.298	117	103053	44.502	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	183479	45.206	ng		99
20) 3+4-Methylphenols	7.204	107	266280	46.156	ng		99
22) Acetophenone	7.198	105	403517	49.270	ng	#	99
24) Nitrobenzene	7.375	77	279798	45.457	ng		100
25) Isophorone	7.610	82	492267	48.911	ng		99
26) 2-Nitrophenol	7.687	139	141061	46.063	ng		99
27) 2,4-Dimethylphenol	7.728	122	209107	58.451	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	298023	46.211	ng		100
29) 2,4-Dichlorophenol	7.934	162	221943	45.916	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	233266	44.316	ng		99
31) Naphthalene	8.092	128	755864	44.105	ng		100
32) Benzoic acid	7.863	122	182303	49.060	ng		98
33) 4-Chloroaniline	8.145	127	114469	19.131	ng		98
34) Hexachlorobutadiene	8.210	225	145176	45.942	ng		99
35) Caprolactam	8.516	113	74661m	50.731	ng		
36) 4-Chloro-3-methylphenol	8.634	107	251259	46.927	ng		98
37) 2-Methylnaphthalene	8.786	142	480681	43.102	ng		100
38) 1-Methylnaphthalene	8.886	142	474644	43.944	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	259270	47.068	ng		98
41) Hexachlorocyclopentadiene	8.939	237	292470	159.633	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	158399	44.492	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	170945	44.305	ng	99
46) 1,1'-Biphenyl	9.251	154	709316	48.053	ng	100
47) 2-Chloronaphthalene	9.275	162	478264	43.815	ng	100
48) 2-Nitroaniline	9.375	65	164356	44.866	ng	97
49) Acenaphthylene	9.692	152	749902	46.189	ng	99
50) Dimethylphthalate	9.551	163	569466	44.057	ng	99
51) 2,6-Dinitrotoluene	9.616	165	127565	45.146	ng	99
52) Acenaphthene	9.863	154	473583	43.389	ng	99
53) 3-Nitroaniline	9.786	138	75133	24.705	ng	100
54) 2,4-Dinitrophenol	9.898	184	158417	94.333	ng	97
55) Dibenzofuran	10.033	168	677949	42.316	ng	99
56) 4-Nitrophenol	9.963	139	214921	95.199	ng	99
57) 2,4-Dinitrotoluene	10.022	165	174179	46.305	ng	99
58) Fluorene	10.380	166	544471	43.953	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148450	44.689	ng	97
60) Diethylphthalate	10.257	149	555893	43.712	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	259223	43.498	ng	99
62) 4-Nitroaniline	10.404	138	131713	42.652	ng	99
63) Azobenzene	10.528	77	540310	42.737	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	104067	46.560	ng	94
66) n-Nitrosodiphenylamine	10.492	169	479403	46.545	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	161836	45.003	ng	96
68) Hexachlorobenzene	10.922	284	171304	46.261	ng	97
69) Atrazine	11.022	200	182031	58.910	ng	99
70) Pentachlorophenol	11.122	266	217339	91.791	ng	100
71) Phenanthrene	11.339	178	817048	46.131	ng	100
72) Anthracene	11.392	178	840986	47.235	ng	100
73) Carbazole	11.545	167	739972	46.190	ng	100
74) Di-n-butylphthalate	11.880	149	862249	46.613	ng	100
75) Fluoranthene	12.527	202	866297	46.135	ng	100
77) Benzidine	12.651	184	370170	72.154	ng	99
78) Pyrene	12.757	202	895555	45.225	ng	99
80) Butylbenzylphthalate	13.380	149	338673	49.377	ng	97
81) Benzo(a)anthracene	13.945	228	692735	44.800	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	132454	29.903	ng	97
83) Chrysene	13.986	228	651817	45.653	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	416857	53.887	ng	99
85) Di-n-octyl phthalate	14.557	149	575720	52.169	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	533447	46.520	ng	100
88) Benzo(b)fluoranthene	14.992	252	544128	43.666	ng	100
89) Benzo(k)fluoranthene	15.021	252	515802	48.475	ng	98
90) Benzo(a)pyrene	15.351	252	494215	49.014	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	427241	45.981	ng	100
92) Benzo(g,h,i)perylene	17.286	276	411141	42.284	ng	98

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

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