Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141579.D
Acq On : 12 Feb 2025 10:25
Operator : RC/JU
Sample : PB166665BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 11:01:39 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 :
PB166665BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	88766	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	353449	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	195436	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	339100	20.000	ng		0.00
76) Chrysene-d12	13.951	240	224082	20.000	ng		-0.01
86) Perylene-d12	15.404	264	200909	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	757942	133.864	ng		0.01
7) Phenol-d6	6.434	99	928416	129.734	ng		0.00
23) Nitrobenzene-d5	7.357	82	621523	91.718	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	267748	136.380	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1188181	93.666	ng		0.00
79) Terphenyl-d14	12.898	244	1347812	101.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	91249	40.042	ng		98
3) Pyridine	3.304	79	211249	38.956	ng		98
4) n-Nitrosodimethylamine	3.251	42	145459	40.510	ng		94
6) Aniline	6.451	93	236923	35.293	ng	#	82
8) 2-Chlorophenol	6.575	128	268015	43.807	ng		98
9) Benzaldehyde	6.339	77	148893	39.153	ng		99
10) Phenol	6.445	94	319137	42.847	ng		98
11) bis(2-Chloroethyl)ether	6.528	93	243324	43.493	ng		100
12) 1,3-Dichlorobenzene	6.728	146	279025	43.200	ng		98
13) 1,4-Dichlorobenzene	6.804	146	287469	43.561	ng		99
14) 1,2-Dichlorobenzene	6.957	146	269790	44.049	ng		100
15) Benzyl Alcohol	6.934	79	237187	43.221	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	411212	42.938	ng		83
17) 2-Methylphenol	7.051	107	210931	44.057	ng		99
18) Hexachloroethane	7.298	117	107047	43.831	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	187845	43.882	ng		98
20) 3+4-Methylphenols	7.204	107	269820	44.345	ng		98
22) Acetophenone	7.198	105	411703	46.826	ng		97
24) Nitrobenzene	7.375	77	283216	42.860	ng		99
25) Isophorone	7.610	82	504319	46.675	ng		99
26) 2-Nitrophenol	7.686	139	145668	44.309	ng		98
27) 2,4-Dimethylphenol	7.728	122	216949	56.489	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	308165	44.509	ng		99
29) 2,4-Dichlorophenol	7.933	162	226634	43.675	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	242910	42.987	ng		99
31) Naphthalene	8.092	128	776529	42.206	ng		100
32) Benzoic acid	7.863	122	170324	42.696	ng		98
33) 4-Chloroaniline	8.145	127	134218	20.895	ng		98
34) Hexachlorobutadiene	8.210	225	152513	44.957	ng		98
35) Caprolactam	8.516	113	80466m	50.930	ng		
36) 4-Chloro-3-methylphenol	8.633	107	251820	43.809	ng		99
37) 2-Methylnaphthalene	8.780	142	498810	41.663	ng		99
38) 1-Methylnaphthalene	8.880	142	483389	41.687	ng		97
40) 1,2,4,5-Tetrachloroben...	8.951	216	270893	47.910	ng		99
41) Hexachlorocyclopentadiene	8.933	237	279646	148.698	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	158924	43.488	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	174620	44.090	ng	99
46) 1,1'-Biphenyl	9.251	154	721935	47.647	ng	100
47) 2-Chloronaphthalene	9.275	162	491383	43.857	ng	99
48) 2-Nitroaniline	9.375	65	163834	43.571	ng	96
49) Acenaphthylene	9.686	152	763089	45.790	ng	99
50) Dimethylphthalate	9.551	163	594705	44.824	ng	99
51) 2,6-Dinitrotoluene	9.616	165	128626	44.348	ng	99
52) Acenaphthene	9.857	154	479512	42.799	ng	100
53) 3-Nitroaniline	9.780	138	73404	23.514	ng	99
54) 2,4-Dinitrophenol	9.898	184	154937	89.882	ng	94
55) Dibenzofuran	10.033	168	697371	42.406	ng	99
56) 4-Nitrophenol	9.963	139	199467	86.076	ng	96
57) 2,4-Dinitrotoluene	10.022	165	175228	45.382	ng	100
58) Fluorene	10.374	166	555129	43.658	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148013	43.409	ng	97
60) Diethylphthalate	10.251	149	578506	44.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	271885	44.446	ng	97
62) 4-Nitroaniline	10.398	138	134160	42.324	ng	98
63) Azobenzene	10.527	77	555146	42.779	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	102882	43.676	ng	93
66) n-Nitrosodiphenylamine	10.486	169	487074	44.871	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	170912	45.097	ng	100
68) Hexachlorobenzene	10.921	284	179264	45.935	ng	98
69) Atrazine	11.016	200	192047	58.974	ng	99
70) Pentachlorophenol	11.121	266	206142	82.610	ng	100
71) Phenanthrene	11.339	178	822229	44.050	ng	100
72) Anthracene	11.386	178	855545	45.596	ng	99
73) Carbazole	11.545	167	733768	43.461	ng	100
74) Di-n-butylphthalate	11.874	149	884188	45.355	ng	100
75) Fluoranthene	12.521	202	858158	43.364	ng	100
77) Benzidine	12.645	184	228377	46.212	ng	99
78) Pyrene	12.751	202	869496	45.582	ng	100
80) Butylbenzylphthalate	13.374	149	321374	48.640	ng	98
81) Benzo(a)anthracene	13.945	228	690261	46.340	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	118202	27.702	ng	98
83) Chrysene	13.980	228	596815	43.393	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	387926	52.058	ng	99
85) Di-n-octyl phthalate	14.545	149	601724	56.602	ng	98
87) Indeno(1,2,3-cd)pyrene	16.851	276	624398	50.298	ng	99
88) Benzo(b)fluoranthene	14.986	252	547117	40.557	ng	100
89) Benzo(k)fluoranthene	15.015	252	531679	46.155	ng	98
90) Benzo(a)pyrene	15.345	252	514100	47.097	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	500098	49.717	ng	99
92) Benzo(g,h,i)perylene	17.280	276	494631	46.990	ng	99

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

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