Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141583.D
Acq On : 12 Feb 2025 12:09
Operator : RC/JU
Sample : PB166681BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 12 12:30:42 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 :
PB166681BS

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	6.787	152	94551	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	374274	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	204775	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	350908	20.000	ng		0.00
76) Chrysene-d12	13.951	240	226735	20.000	ng		-0.01
86) Perylene-d12	15.404	264	205548	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	805758	133.602	ng		0.01
7) Phenol-d6	6.434	99	1002804	131.555	ng		0.00
23) Nitrobenzene-d5	7.357	82	663720	92.495	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	285551	138.815	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1260668	94.847	ng		0.00
79) Terphenyl-d14	12.898	244	1357282	101.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	97435	40.140	ng		100
3) Pyridine	3.322	79	230283	39.868	ng		96
4) n-Nitrosodimethylamine	3.269	42	157729	41.240	ng		95
6) Aniline	6.451	93	237656	33.236	ng	#	79
8) 2-Chlorophenol	6.575	128	286927	44.029	ng		100
9) Benzaldehyde	6.340	77	159995	39.498	ng		99
10) Phenol	6.445	94	335823	42.328	ng		100
11) bis(2-Chloroethyl)ether	6.528	93	261511	43.884	ng		100
12) 1,3-Dichlorobenzene	6.728	146	302618	43.986	ng		97
13) 1,4-Dichlorobenzene	6.804	146	304462	43.314	ng		99
14) 1,2-Dichlorobenzene	6.957	146	290033	44.456	ng		99
15) Benzyl Alcohol	6.934	79	251654	43.051	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	438259	42.963	ng		82
17) 2-Methylphenol	7.051	107	224537	44.029	ng		98
18) Hexachloroethane	7.298	117	114665	44.077	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	201419	44.175	ng		97
20) 3+4-Methylphenols	7.204	107	288143	44.459	ng		97
22) Acetophenone	7.198	105	439127	47.166	ng		97
24) Nitrobenzene	7.375	77	303173	43.328	ng		99
25) Isophorone	7.610	82	539709	47.171	ng		98
26) 2-Nitrophenol	7.686	139	156371	44.918	ng		96
27) 2,4-Dimethylphenol	7.728	122	230166	56.595	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	330306	45.053	ng		100
29) 2,4-Dichlorophenol	7.934	162	242236	44.084	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	257961	43.110	ng		98
31) Naphthalene	8.092	128	833809	42.798	ng		100
32) Benzoic acid	7.869	122	180272	42.675	ng		99
33) 4-Chloroaniline	8.145	127	100672	14.800	ng		98
34) Hexachlorobutadiene	8.204	225	160960	44.807	ng		99
35) Caprolactam	8.522	113	83396m	49.847	ng		
36) 4-Chloro-3-methylphenol	8.633	107	268991	44.193	ng		98
37) 2-Methylnaphthalene	8.781	142	526006	41.490	ng		99
38) 1-Methylnaphthalene	8.881	142	517028	42.107	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	288430	48.685	ng		99
41) Hexachlorocyclopentadiene	8.933	237	300672	152.587	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	169187	44.185	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	182620	44.007	ng	99
46) 1,1'-Biphenyl	9.245	154	777421	48.969	ng	100
47) 2-Chloronaphthalene	9.275	162	524696	44.694	ng	99
48) 2-Nitroaniline	9.369	65	174642	44.327	ng	100
49) Acenaphthylene	9.686	152	816465	46.758	ng	99
50) Dimethylphthalate	9.551	163	630569	45.359	ng	99
51) 2,6-Dinitrotoluene	9.616	165	137968	45.399	ng	97
52) Acenaphthene	9.857	154	506343	43.133	ng	99
53) 3-Nitroaniline	9.780	138	73058	22.336	ng	99
54) 2,4-Dinitrophenol	9.898	184	165679	91.730	ng	92
55) Dibenzofuran	10.033	168	731025	42.425	ng	100
56) 4-Nitrophenol	9.963	139	214480	88.333	ng	95
57) 2,4-Dinitrotoluene	10.022	165	185410	45.830	ng	99
58) Fluorene	10.375	166	580217	43.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155035	43.394	ng	97
60) Diethylphthalate	10.251	149	606216	44.322	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	284793	44.433	ng	98
62) 4-Nitroaniline	10.398	138	138742	41.774	ng	99
63) Azobenzene	10.527	77	583788	42.934	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	109151	44.778	ng	95
66) n-Nitrosodiphenylamine	10.486	169	513324	45.698	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	177705	45.311	ng	98
68) Hexachlorobenzene	10.922	284	185983	46.053	ng	99
69) Atrazine	11.016	200	196209	58.224	ng	99
70) Pentachlorophenol	11.122	266	212247	82.194	ng	99
71) Phenanthrene	11.339	178	876210	45.362	ng	100
72) Anthracene	11.386	178	900285	46.365	ng	100
73) Carbazole	11.545	167	764433	43.753	ng	100
74) Di-n-butylphthalate	11.874	149	910957	45.156	ng	100
75) Fluoranthene	12.521	202	870386	42.502	ng	100
77) Benzidine	12.645	184	258406	51.676	ng	98
78) Pyrene	12.751	202	872751	45.217	ng	100
80) Butylbenzylphthalate	13.374	149	321890	48.148	ng	97
81) Benzo(a)anthracene	13.945	228	689947	45.777	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	127533	29.539	ng	97
83) Chrysene	13.980	228	611871	43.967	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	397991	52.783	ng	99
85) Di-n-octyl phthalate	14.545	149	614409	57.119	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	616213	48.518	ng	99
88) Benzo(b)fluoranthene	14.986	252	565975	41.008	ng	99
89) Benzo(k)fluoranthene	15.015	252	561385	47.634	ng	99
90) Benzo(a)pyrene	15.345	252	529397	47.404	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	496580	48.253	ng	99
92) Benzo(g,h,i)perylene	17.280	276	482020	44.759	ng	99

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

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