Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141214.D
Acq On : 20 Jan 2025 11:30
Operator : RC/JU
Sample : PB166115BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166115BS

Quant Time: Jan 20 11:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	157680	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	632035	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	344399	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	583291	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	387847	20.000	ng		-0.01
86) Perylene-d12	15.433	264	335070	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1402403	137.394	ng		0.00
7) Phenol-d6	6.445	99	1777387	137.468	ng		0.00
23) Nitrobenzene-d5	7.375	82	1142730	95.840	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	621790	158.450	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2160102	95.778	ng		-0.01
79) Terphenyl-d14	12.921	244	2546992	97.606	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	186357	40.999	ng		99
3) Pyridine	3.369	79	468320	42.015	ng		96
4) n-Nitrosodimethylamine	3.316	42	258949	47.512	ng		98
6) Aniline	6.475	93	475561	41.428	ng	#	88
8) 2-Chlorophenol	6.598	128	565450	51.635	ng		97
9) Benzaldehyde	6.357	77	63807	8.379	ng		97
10) Phenol	6.457	94	673629	48.671	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	513237	49.758	ng		96
12) 1,3-Dichlorobenzene	6.751	146	583547	47.778	ng		99
13) 1,4-Dichlorobenzene	6.828	146	590214	47.954	ng		99
14) 1,2-Dichlorobenzene	6.981	146	568313	49.501	ng		98
15) Benzyl Alcohol	6.951	79	489834	52.460	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	690609	47.981	ng		94
17) 2-Methylphenol	7.069	107	450994	51.011	ng		98
18) Hexachloroethane	7.322	117	216691	48.685	ng		99
19) n-Nitroso-di-n-propyla...	7.228	70	378590	49.708	ng		97
20) 3+4-Methylphenols	7.222	107	548850	49.206	ng	#	81
22) Acetophenone	7.222	105	735524	48.953	ng	#	95
24) Nitrobenzene	7.392	77	575528	46.314	ng		99
25) Isophorone	7.634	82	1035184	50.803	ng		99
26) 2-Nitrophenol	7.710	139	303835	53.751	ng		99
27) 2,4-Dimethylphenol	7.745	122	454813	59.651	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	630120	49.275	ng		100
29) 2,4-Dichlorophenol	7.951	162	464384	51.282	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	486020	46.955	ng		99
31) Naphthalene	8.116	128	1605635	48.173	ng		100
32) Benzoic acid	7.869	122	370926	50.714	ng		98
33) 4-Chloroaniline	8.163	127	218817	18.983	ng		98
34) Hexachlorobutadiene	8.233	225	302203	48.454	ng		99
35) Caprolactam	8.533	113	149980m	50.588	ng		
36) 4-Chloro-3-methylphenol	8.645	107	509536	51.450	ng		99
37) 2-Methylnaphthalene	8.804	142	1057984	49.812	ng		100
38) 1-Methylnaphthalene	8.904	142	984404	47.028	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	493514	49.926	ng		99
41) Hexachlorocyclopentadiene	8.957	237	607563	187.867	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	349405	52.410	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	343567	48.796	ng	99
46) 1,1'-Biphenyl	9.269	154	1307832	48.898	ng	99
47) 2-Chloronaphthalene	9.292	162	993125	47.674	ng	99
48) 2-Nitroaniline	9.386	65	307234	49.753	ng	97
49) Acenaphthylene	9.710	152	1556115	52.284	ng	99
50) Dimethylphthalate	9.575	163	1175159	50.827	ng	100
51) 2,6-Dinitrotoluene	9.633	165	262419	48.807	ng	98
52) Acenaphthene	9.880	154	1156442	55.615	ng	100
53) 3-Nitroaniline	9.798	138	168091	30.765	ng	100
54) 2,4-Dinitrophenol	9.910	184	302461	118.351	ng	95
55) Dibenzofuran	10.057	168	1411446	49.904	ng	100
56) 4-Nitrophenol	9.963	139	438271	102.422	ng	94
57) 2,4-Dinitrotoluene	10.039	165	360521	52.030	ng	98
58) Fluorene	10.398	166	1090049	49.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	310641	53.078	ng	99
60) Diethylphthalate	10.275	149	1124632	49.825	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	532472	49.720	ng	100
62) 4-Nitroaniline	10.416	138	270549	50.592	ng	97
63) Azobenzene	10.551	77	1101677	49.464	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	207237	61.313	ng	97
66) n-Nitrosodiphenylamine	10.510	169	965203	51.303	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	351736	52.377	ng	99
68) Hexachlorobenzene	10.945	284	398155	53.261	ng	97
69) Atrazine	11.039	200	336972	66.520	ng	99
70) Pentachlorophenol	11.139	266	497336	103.886	ng	100
71) Phenanthrene	11.357	178	1648617	52.646	ng	100
72) Anthracene	11.410	178	1675540	55.028	ng	100
73) Carbazole	11.563	167	1467093	52.547	ng	100
74) Di-n-butylphthalate	11.898	149	1700136	53.209	ng	100
75) Fluoranthene	12.545	202	1706417	54.606	ng	99
77) Benzidine	12.669	184	310503	43.171	ng	99
78) Pyrene	12.774	202	1753273	47.329	ng	99
80) Butylbenzylphthalate	13.398	149	670710	54.305	ng	98
81) Benzo(a)anthracene	13.963	228	1341144	50.810	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	238344	28.358	ng	99
83) Chrysene	14.004	228	1194661	48.371	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	826160	55.749	ng	100
85) Di-n-octyl phthalate	14.580	149	1204958	53.845	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	1217843	49.610	ng	98
88) Benzo(b)fluoranthene	15.015	252	1076009	49.800	ng	99
89) Benzo(k)fluoranthene	15.045	252	1043658	57.158	ng	99
90) Benzo(a)pyrene	15.374	252	988532	55.453	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	974928	49.103	ng	98
92) Benzo(g,h,i)perylene	17.321	276	931749	45.117	ng	99

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

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