Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141216.D
Acq On : 20 Jan 2025 12:22
Operator : RC/JU
Sample : PB166097BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 20 12:45:09 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

Instrument :
BNA_F
ClientSampleId :
PB166097BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
01/21/2025
Supervised By :mohammad ahmed
01/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	154827	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	622966	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	333652	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	569457	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	360421	20.000	ng		-0.01
86) Perylene-d12	15.427	264	321046	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1452308	144.905	ng		0.00
7) Phenol-d6	6.446	99	1839311	144.879	ng		0.00
23) Nitrobenzene-d5	7.375	82	1188499	101.130	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	645110	169.688	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2197540	100.576	ng		-0.01
79) Terphenyl-d14	12.922	244	2568050	105.901	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	195834	43.878	ng		98
3) Pyridine	3.369	79	487054	44.501	ng		96
4) n-Nitrosodimethylamine	3.316	42	270580	50.561	ng		98
6) Aniline	6.475	93	491614	43.615	ng	#	90
8) 2-Chlorophenol	6.598	128	585979	54.495	ng		96
9) Benzaldehyde	6.357	77	66571	8.903	ng		98
10) Phenol	6.457	94	703598	51.773	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	536417	52.964	ng		96
12) 1,3-Dichlorobenzene	6.751	146	606439	50.567	ng		99
13) 1,4-Dichlorobenzene	6.828	146	612705	50.699	ng		100
14) 1,2-Dichlorobenzene	6.981	146	583704	51.779	ng		99
15) Benzyl Alcohol	6.951	79	505806	55.168	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	711853	50.368	ng		94
17) 2-Methylphenol	7.069	107	468685	53.988	ng		98
18) Hexachloroethane	7.322	117	227369	52.025	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	396592	53.031	ng		97
20) 3+4-Methylphenols	7.222	107	573476	52.361	ng	#	82
22) Acetophenone	7.222	105	756611	51.090	ng	#	95
24) Nitrobenzene	7.393	77	595426	48.613	ng		100
25) Isophorone	7.634	82	1072076	53.380	ng		99
26) 2-Nitrophenol	7.710	139	313184	56.211	ng		99
27) 2,4-Dimethylphenol	7.745	122	471226	62.703	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	646648	51.304	ng		100
29) 2,4-Dichlorophenol	7.951	162	480191	53.799	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	508338	49.826	ng		99
31) Naphthalene	8.116	128	1673802	50.949	ng		100
32) Benzoic acid	7.869	122	397997	55.207	ng		96
33) 4-Chloroaniline	8.163	127	226917	19.972	ng		98
34) Hexachlorobutadiene	8.234	225	313106	50.933	ng		99
35) Caprolactam	8.534	113	154249m	52.786	ng		
36) 4-Chloro-3-methylphenol	8.645	107	523539	53.633	ng		99
37) 2-Methylnaphthalene	8.804	142	1091100	52.119	ng		100
38) 1-Methylnaphthalene	8.904	142	1018704	49.375	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	504402	52.671	ng		98
41) Hexachlorocyclopentadiene	8.957	237	631313	201.498	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	359453	55.654	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	360683	52.877	ng	98
46) 1,1'-Biphenyl	9.269	154	1339780	51.706	ng	99
47) 2-Chloronaphthalene	9.292	162	1003512	49.724	ng	99
48) 2-Nitroaniline	9.392	65	320135	53.512	ng	98
49) Acenaphthylene	9.710	152	1582899	54.897	ng	99
50) Dimethylphthalate	9.575	163	1203254	53.718	ng	100
51) 2,6-Dinitrotoluene	9.634	165	271689	52.159	ng	99
52) Acenaphthene	9.881	154	1190079	59.077	ng	99
53) 3-Nitroaniline	9.798	138	167464	31.637	ng	98
54) 2,4-Dinitrophenol	9.910	184	321576	129.883	ng	95
55) Dibenzofuran	10.057	168	1436172	52.414	ng	99
56) 4-Nitrophenol	9.969	139	452769	109.218	ng	98
57) 2,4-Dinitrotoluene	10.039	165	371394	55.326	ng	98
58) Fluorene	10.398	166	1111791	52.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	316799	55.874	ng	99
60) Diethylphthalate	10.275	149	1165448	53.296	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	538876	51.938	ng	96
62) 4-Nitroaniline	10.416	138	276753	53.419	ng	97
63) Azobenzene	10.551	77	1120037	51.908	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	216388	65.575	ng	97
66) n-Nitrosodiphenylamine	10.510	169	991472	53.980	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	360861	55.041	ng	99
68) Hexachlorobenzene	10.945	284	403466	55.283	ng	98
69) Atrazine	11.039	200	341900	69.132	ng	98
70) Pentachlorophenol	11.139	266	510051	109.130	ng	99
71) Phenanthrene	11.357	178	1691012	55.312	ng	100
72) Anthracene	11.410	178	1710497	57.540	ng	100
73) Carbazole	11.563	167	1511221	55.442	ng	100
74) Di-n-butylphthalate	11.898	149	1753789	56.222	ng	100
75) Fluoranthene	12.545	202	1749115	57.332	ng	99
77) Benzidine	12.669	184	369775	55.324	ng	99
78) Pyrene	12.775	202	1771865	51.470	ng	99
80) Butylbenzylphthalate	13.398	149	671531	58.509	ng	97
81) Benzo(a)anthracene	13.963	228	1271973	51.856	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	248259	31.786	ng	99
83) Chrysene	13.998	228	1217007	53.026	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	803788	58.367	ng	100
85) Di-n-octyl phthalate	14.574	149	1166443	56.091	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	1277463	54.312	ng	98
88) Benzo(b)fluoranthene	15.004	252	1135597	54.854	ng	100
89) Benzo(k)fluoranthene	15.033	252	973426	55.640	ng	100
90) Benzo(a)pyrene	15.368	252	1004777	58.826	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	1021626	53.703	ng	99
92) Benzo(g,h,i)perylene	17.315	276	963614	48.698	ng	99

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

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