Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141303.D
Acq On : 30 Jan 2025 09:57
Operator : RC/JU
Sample : PB166335BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 10:37:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166335BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/30/2025
Supervised By :mohammad ahmed

01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	577653	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	314839	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	527268	20.000	ng	0.00
76) Chrysene-d12	13.974	240	325031	20.000	ng	0.00
86) Perylene-d12	15.451	264	295368	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1181966	127.654	ng	0.00
7) Phenol-d6	6.434	99	1505218	127.790	ng	0.00
23) Nitrobenzene-d5	7.363	82	963698	87.947	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	383541	132.881	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1707638	83.483	ng	0.00
79) Terphenyl-d14	12.916	244	1858083	88.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	163583	40.171	ng	100
3) Pyridine	3.316	79	421385	42.949	ng	99
4) n-Nitrosodimethylamine	3.269	42	263117	46.944	ng	97
6) Aniline	6.463	93	427874	42.913	ng	97
8) 2-Chlorophenol	6.581	128	474531	47.816	ng	98
9) Benzaldehyde	6.346	77	45932	6.732	ng	98
10) Phenol	6.446	94	570700	45.706	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	445684	46.553	ng	98
12) 1,3-Dichlorobenzene	6.740	146	474543	43.367	ng	99
13) 1,4-Dichlorobenzene	6.816	146	481842	43.833	ng	100
14) 1,2-Dichlorobenzene	6.969	146	463668	45.045	ng	99
15) Benzyl Alcohol	6.940	79	401126	49.832	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	794288	47.711	ng	99
17) 2-Methylphenol	7.051	107	379334	47.030	ng	98
18) Hexachloroethane	7.310	117	179539	44.272	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	318811	45.551	ng	96
20) 3+4-Methylphenols	7.204	107	449643	45.403	ng	98
22) Acetophenone	7.210	105	607690	44.258	ng	99
24) Nitrobenzene	7.381	77	489014	43.064	ng	98
25) Isophorone	7.622	82	891594	47.071	ng	99
26) 2-Nitrophenol	7.698	139	248620	46.424	ng	99
27) 2,4-Dimethylphenol	7.734	122	379040	55.605	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	551443	45.641	ng	99
29) 2,4-Dichlorophenol	7.940	162	386907	46.364	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	396349	41.588	ng	100
31) Naphthalene	8.104	128	1340862	43.940	ng	100
32) Benzoic acid	7.857	122	300455	47.947	ng	98
33) 4-Chloroaniline	8.151	127	244684	23.645	ng	99
34) Hexachlorobutadiene	8.222	225	242199	43.336	ng	98
35) Caprolactam	8.522	113	130013m	47.704	ng	
36) 4-Chloro-3-methylphenol	8.634	107	423183	47.276	ng	97
37) 2-Methylnaphthalene	8.792	142	874025	45.064	ng	99
38) 1-Methylnaphthalene	8.892	142	813150	42.680	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	384554	42.934	ng	99
41) Hexachlorocyclopentadiene	8.945	237	461572	174.494	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	268317	45.768	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	289410	45.357	ng	99
46) 1,1'-Biphenyl	9.263	154	1078473	43.923	ng	100
47) 2-Chloronaphthalene	9.286	162	809908	42.319	ng	99
48) 2-Nitroaniline	9.381	65	281360	46.739	ng	99
49) Acenaphthylene	9.698	152	1258307	46.969	ng	100
50) Dimethylphthalate	9.569	163	966609	45.457	ng	100
51) 2,6-Dinitrotoluene	9.628	165	219062	44.369	ng	98
52) Acenaphthene	9.875	154	940752	49.154	ng	100
53) 3-Nitroaniline	9.792	138	140948	29.127	ng	100
54) 2,4-Dinitrophenol	9.904	184	234093	101.996	ng	98
55) Dibenzofuran	10.045	168	1136446	44.361	ng	99
56) 4-Nitrophenol	9.957	139	348173	98.382	ng	96
57) 2,4-Dinitrotoluene	10.034	165	293904	45.977	ng	95
58) Fluorene	10.392	166	861135	43.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239637	47.738	ng	98
60) Diethylphthalate	10.269	149	928855	45.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	420967	43.368	ng	99
62) 4-Nitroaniline	10.410	138	224393	47.166	ng	99
63) Azobenzene	10.545	77	945659	45.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162763	52.188	ng	99
66) n-Nitrosodiphenylamine	10.504	169	784521	46.003	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	267408	45.301	ng	97
68) Hexachlorobenzene	10.939	284	283607	45.293	ng	97
69) Atrazine	11.033	200	275531	48.323	ng	98
70) Pentachlorophenol	11.133	266	344451	93.942	ng	98
71) Phenanthrene	11.351	178	1340804	47.307	ng	100
72) Anthracene	11.404	178	1357047	48.866	ng	100
73) Carbazole	11.557	167	1181478	47.979	ng	99
74) Di-n-butylphthalate	11.892	149	1439854	48.248	ng	100
75) Fluoranthene	12.539	202	1361167	48.639	ng	99
77) Benzidine	12.663	184	389988	37.427	ng	100
78) Pyrene	12.769	202	1385347	44.402	ng	100
80) Butylbenzylphthalate	13.392	149	533265	48.924	ng	98
81) Benzo(a)anthracene	13.963	228	1000704	44.617	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	179099	25.107	ng	99
83) Chrysene	14.004	228	936429	45.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	658277	47.608	ng	100
85) Di-n-octyl phthalate	14.598	149	1053803	49.069	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	929302	48.747	ng	100
88) Benzo(b)fluoranthene	15.033	252	866127	46.618	ng	100
89) Benzo(k)fluoranthene	15.063	252	842115	51.164	ng	100
90) Benzo(a)pyrene	15.392	252	806465	51.366	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	745849	48.629	ng	99
92) Benzo(g,h,i)perylene	17.351	276	706279	44.287	ng	100

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

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