Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141437.D
Acq On : 05 Feb 2025 10:55
Operator : RC/JU
Sample : PB166264BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 11:16:37 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 :
PB166264BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

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02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	72008	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	281453	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	155186	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	269725	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	190434	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	162618	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	611316	130.332	ng	0.00
7) Phenol-d6	6.434	99	750794	125.827	ng	0.00
23) Nitrobenzene-d5	7.357	82	501942	94.014	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219361	154.187	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	945860	93.814	ng	-0.01
79) Terphenyl-d14	12.904	244	1153872	93.444	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	74692	36.208	ng	97
3) Pyridine	3.281	79	185826	37.388	ng	95
4) n-Nitrosodimethylamine	3.228	42	142977	50.357	ng	84
6) Aniline	6.451	93	195790	38.764	ng	# 1
8) 2-Chlorophenol	6.581	128	240682	47.875	ng	96
9) Benzaldehyde	6.340	77	23730	6.866	ng	98
10) Phenol	6.446	94	289556	45.778	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	216174	44.574	ng	98
12) 1,3-Dichlorobenzene	6.734	146	250444	45.181	ng	99
13) 1,4-Dichlorobenzene	6.810	146	254064	45.624	ng	100
14) 1,2-Dichlorobenzene	6.957	146	244291	46.849	ng	99
15) Benzyl Alcohol	6.934	79	214607	52.629	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365355	43.323	ng	57
17) 2-Methylphenol	7.051	107	188746	46.194	ng	# 92
18) Hexachloroethane	7.304	117	95567	46.520	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	165823	46.770	ng	98
20) 3+4-Methylphenols	7.204	107	243295	48.496	ng	92
22) Acetophenone	7.198	105	332074	49.637	ng	99
24) Nitrobenzene	7.375	77	258284	46.682	ng	99
25) Isophorone	7.610	82	446092	48.336	ng	98
26) 2-Nitrophenol	7.693	139	128230	49.142	ng	97
27) 2,4-Dimethylphenol	7.734	122	187248m	56.378	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	266550	45.279	ng	99
29) 2,4-Dichlorophenol	7.940	162	199528	49.072	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	211918	45.638	ng	100
31) Naphthalene	8.098	128	696369	46.835	ng	100
32) Benzoic acid	7.857	122	137624	45.075	ng	96
33) 4-Chloroaniline	8.145	127	138857	27.540	ng	99
34) Hexachlorobutadiene	8.210	225	134880	49.532	ng	98
35) Caprolactam	8.510	113	62417m	47.004	ng	
36) 4-Chloro-3-methylphenol	8.640	107	223759	51.305	ng	95
37) 2-Methylnaphthalene	8.787	142	458833	48.553	ng	100
38) 1-Methylnaphthalene	8.887	142	424186	45.695	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	215888	48.900	ng	98
41) Hexachlorocyclopentadiene	8.940	237	243095	186.446	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	143261	49.577	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	153071	48.670	ng	98
46) 1,1'-Biphenyl	9.251	154	577527	47.719	ng	98
47) 2-Chloronaphthalene	9.275	162	435016	46.115	ng	98
48) 2-Nitroaniline	9.375	65	152006	51.229	ng	95
49) Acenaphthylene	9.692	152	675452	51.151	ng	100
50) Dimethylphthalate	9.557	163	522026	49.806	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115565	47.487	ng	96
52) Acenaphthene	9.863	154	521588m	55.290	ng	
53) 3-Nitroaniline	9.787	138	68315	28.641	ng	100
54) 2,4-Dinitrophenol	9.898	184	129184	114.193	ng	88
55) Dibenzofuran	10.039	168	620623	49.149	ng	96
56) 4-Nitrophenol	9.969	139	181556	104.080	ng	88
57) 2,4-Dinitrotoluene	10.022	165	163009	51.735	ng	93
58) Fluorene	10.381	166	491783	50.208	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131569	53.174	ng	96
60) Diethylphthalate	10.257	149	509961	50.180	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	239762	50.112	ng	99
62) 4-Nitroaniline	10.404	138	115362	49.195	ng	88
63) Azobenzene	10.534	77	487368	47.910	ng	97
65) 4,6-Dinitro-2-methylph...	10.434	198	88266	55.325	ng	95
66) n-Nitrosodiphenylamine	10.492	169	432094	49.530	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	147885	48.974	ng	99
68) Hexachlorobenzene	10.928	284	159957	49.938	ng	99
69) Atrazine	11.022	200	154206	52.868	ng	99
70) Pentachlorophenol	11.128	266	186873	99.629	ng	99
71) Phenanthrene	11.345	178	755255	52.091	ng	100
72) Anthracene	11.392	178	765832	53.908	ng	100
73) Carbazole	11.551	167	664310	52.736	ng	99
74) Di-n-butylphthalate	11.881	149	796235	52.157	ng	100
75) Fluoranthene	12.533	202	797802	55.728	ng	98
77) Benzidine	12.657	184	163388	26.763	ng	98
78) Pyrene	12.763	202	817692	44.732	ng	100
80) Butylbenzylphthalate	13.380	149	320493	50.185	ng	99
81) Benzo(a)anthracene	13.951	228	622029	47.335	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	99370	23.776	ng	99
83) Chrysene	13.992	228	588319	48.850	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	412832	50.960	ng	99
85) Di-n-octyl phthalate	14.569	149	620089	49.281	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	537592	51.220	ng	95
88) Benzo(b)fluoranthene	15.004	252	556928	54.445	ng	98
89) Benzo(k)fluoranthene	15.033	252	422623	46.638	ng	98
90) Benzo(a)pyrene	15.363	252	459067	53.108	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	423370	50.137	ng	97
92) Benzo(g,h,i)perylene	17.310	276	402423	45.833	ng	95

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

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