Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141268.D
Acq On : 27 Jan 2025 13:13
Operator : RC/JU
Sample : PB166258BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 13:45:11 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 :
PB166258BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/28/2025
Supervised By :mohammad ahmed

01/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	168150	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	669601	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	357856	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	588043	20.000	ng		-0.01
76) Chrysene-d12	13.980	240	380675	20.000	ng		0.00
86) Perylene-d12	15.445	264	394892	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1236006	113.552	ng		0.00
7) Phenol-d6	6.439	99	1543352	111.934	ng		0.00
23) Nitrobenzene-d5	7.369	82	994112	78.698	ng		-0.02
42) 2,4,6-Tribromophenol	10.639	330	522062	128.034	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1913041	81.633	ng		-0.01
79) Terphenyl-d14	12.921	244	2061533	80.490	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	167469	34.550	ng		98
3) Pyridine	3.334	79	434051	36.516	ng		95
4) n-Nitrosodimethylamine	3.281	42	223682	38.486	ng		93
6) Aniline	6.469	93	410759	33.555	ng		95
8) 2-Chlorophenol	6.587	128	508731	43.563	ng		98
9) Benzaldehyde	6.351	77	51704	6.367	ng		95
10) Phenol	6.451	94	598915	40.578	ng		93
11) bis(2-Chloroethyl)ether	6.539	93	466882	42.446	ng		97
12) 1,3-Dichlorobenzene	6.745	146	526543	40.426	ng		98
13) 1,4-Dichlorobenzene	6.822	146	531522	40.496	ng		100
14) 1,2-Dichlorobenzene	6.975	146	511567	41.784	ng		98
15) Benzyl Alcohol	6.945	79	435312	43.718	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	623604	40.628	ng		95
17) 2-Methylphenol	7.057	107	404140	42.865	ng		99
18) Hexachloroethane	7.316	117	196321	41.362	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	339504	41.800	ng		97
20) 3+4-Methylphenols	7.210	107	491551	41.325	ng	#	85
22) Acetophenone	7.216	105	654699	41.129	ng		97
24) Nitrobenzene	7.386	77	513630	39.014	ng		99
25) Isophorone	7.628	82	938703	43.484	ng		99
26) 2-Nitrophenol	7.704	139	270109	45.103	ng		98
27) 2,4-Dimethylphenol	7.739	122	410605	50.831	ng		99
28) bis(2-Chloroethoxy)met...	7.839	93	571893	42.213	ng		100
29) 2,4-Dichlorophenol	7.945	162	417278	43.495	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	445813	40.654	ng		99
31) Naphthalene	8.110	128	1457723	41.281	ng		100
32) Benzoic acid	7.863	122	316016m	40.782	ng		
33) 4-Chloroaniline	8.157	127	243832	19.966	ng		99
34) Hexachlorobutadiene	8.228	225	274285	41.510	ng		100
35) Caprolactam	8.528	113	127223m	40.505	ng		
36) 4-Chloro-3-methylphenol	8.645	107	448519	42.748	ng		98
37) 2-Methylnaphthalene	8.798	142	964166	42.848	ng		100
38) 1-Methylnaphthalene	8.898	142	900864	40.622	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	448400	43.656	ng		99
41) Hexachlorocyclopentadiene	8.957	237	542040	161.303	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	316106	45.632	ng		98

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44) 2,4,5-Trichlorophenol	9.128	196	305452	41.751	ng	97
46) 1,1'-Biphenyl	9.269	154	1192818	42.921	ng	99
47) 2-Chloronaphthalene	9.292	162	901978	41.670	ng	99
48) 2-Nitroaniline	9.386	65	268698	41.876	ng	98
49) Acenaphthylene	9.710	152	1384180	44.759	ng	100
50) Dimethylphthalate	9.569	163	1047412	43.598	ng	100
51) 2,6-Dinitrotoluene	9.633	165	231654	41.465	ng	98
52) Acenaphthene	9.880	154	1026550	47.512	ng	99
53) 3-Nitroaniline	9.798	138	127950	22.537	ng	99
54) 2,4-Dinitrophenol	9.910	184	247128	93.063	ng	95
55) Dibenzofuran	10.051	168	1255580	42.724	ng	99
56) 4-Nitrophenol	9.963	139	368115	82.792	ng	99
57) 2,4-Dinitrotoluene	10.033	165	315417	43.809	ng	98
58) Fluorene	10.398	166	962974	42.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	270401	44.465	ng	100
60) Diethylphthalate	10.275	149	1014224	43.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	482533	43.362	ng	99
62) 4-Nitroaniline	10.416	138	219460	39.495	ng	99
63) Azobenzene	10.551	77	979065	42.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	170346	49.991	ng	95
66) n-Nitrosodiphenylamine	10.510	169	859687	45.325	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	320843	47.391	ng	97
68) Hexachlorobenzene	10.945	284	347232	46.074	ng	97
69) Atrazine	11.039	200	293747	57.518	ng	99
70) Pentachlorophenol	11.139	266	403904	83.687	ng	100
71) Phenanthrene	11.357	178	1423217	45.081	ng	100
72) Anthracene	11.410	178	1453778	47.359	ng	100
73) Carbazole	11.563	167	1230712	43.724	ng	100
74) Di-n-butylphthalate	11.898	149	1541028	47.840	ng	100
75) Fluoranthene	12.545	202	1426094	45.267	ng	99
77) Benzidine	12.668	184	291699	41.321	ng	99
78) Pyrene	12.774	202	1433055	39.414	ng	100
80) Butylbenzylphthalate	13.398	149	565682	46.664	ng	98
81) Benzo(a)anthracene	13.968	228	1082037	41.766	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	203224	24.635	ng	99
83) Chrysene	14.004	228	1040380	42.918	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	748064	51.430	ng	99
85) Di-n-octyl phthalate	14.592	149	1232642	56.120	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	1271505	43.950	ng	98
88) Benzo(b)fluoranthene	15.027	252	1077844	42.328	ng	99
89) Benzo(k)fluoranthene	15.057	252	977218	45.411	ng	100
90) Benzo(a)pyrene	15.386	252	985025	46.886	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1019922	43.587	ng	98
92) Benzo(g,h,i)perylene	17.345	276	962509	39.546	ng	99

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

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