Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141219.D
Acq On : 20 Jan 2025 13:41
Operator : RC/JU
Sample : PB166117BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 20 14:32:28 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 :
PB166117BSD

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	161581	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	633827	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	339384	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	582564	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	369711	20.000	ng		-0.01
86) Perylene-d12	15.427	264	327689	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1405132	134.338	ng		0.00
7) Phenol-d6	6.445	99	1785636	134.772	ng		0.00
23) Nitrobenzene-d5	7.375	82	1150474	96.217	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	617755	159.748	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2137782	96.189	ng		-0.01
79) Terphenyl-d14	12.921	244	2470572	99.321	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	188643	40.500	ng		98
3) Pyridine	3.357	79	474916	41.578	ng		96
4) n-Nitrosodimethylamine	3.310	42	256046	45.846	ng		95
6) Aniline	6.475	93	476816	40.534	ng	#	90
8) 2-Chlorophenol	6.598	128	573442	51.100	ng		97
9) Benzaldehyde	6.357	77	64159	8.222	ng		98
10) Phenol	6.457	94	677100	47.740	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	509111	48.167	ng		97
12) 1,3-Dichlorobenzene	6.751	146	579660	46.314	ng		99
13) 1,4-Dichlorobenzene	6.828	146	595351	47.204	ng		100
14) 1,2-Dichlorobenzene	6.981	146	565440	48.062	ng		98
15) Benzyl Alcohol	6.957	79	491022	51.317	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	689172	46.725	ng		94
17) 2-Methylphenol	7.069	107	457615	50.510	ng		97
18) Hexachloroethane	7.322	117	218197	47.840	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	377769	48.403	ng		97
20) 3+4-Methylphenols	7.222	107	545954	47.765	ng	#	80
22) Acetophenone	7.222	105	727372	48.274	ng	#	95
24) Nitrobenzene	7.392	77	574678	46.115	ng		100
25) Isophorone	7.634	82	1030128	50.412	ng		99
26) 2-Nitrophenol	7.710	139	302338	53.335	ng		99
27) 2,4-Dimethylphenol	7.745	122	453311	59.285	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	627357	48.920	ng		100
29) 2,4-Dichlorophenol	7.951	162	462125	50.888	ng		100
30) 1,2,4-Trichlorobenzene	8.033	180	492811	47.476	ng		100
31) Naphthalene	8.116	128	1609272	48.145	ng		100
32) Benzoic acid	7.869	122	375125	51.143	ng		96
33) 4-Chloroaniline	8.163	127	193999	16.782	ng		99
34) Hexachlorobutadiene	8.233	225	303323	48.496	ng		99
35) Caprolactam	8.533	113	151032m	50.799	ng		
36) 4-Chloro-3-methylphenol	8.645	107	505923	50.940	ng		99
37) 2-Methylnaphthalene	8.804	142	1057471	49.647	ng		99
38) 1-Methylnaphthalene	8.904	142	980871	46.727	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	488519	50.151	ng		99
41) Hexachlorocyclopentadiene	8.957	237	602613	189.090	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	345034	52.519	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	349371	50.353	ng	98
46) 1,1'-Biphenyl	9.269	154	1289480	48.924	ng	99
47) 2-Chloronaphthalene	9.292	162	977375	47.611	ng	100
48) 2-Nitroaniline	9.386	65	301187	49.494	ng	99
49) Acenaphthylene	9.710	152	1529336	52.144	ng	100
50) Dimethylphthalate	9.575	163	1147172	50.349	ng	100
51) 2,6-Dinitrotoluene	9.633	165	258267	48.745	ng	98
52) Acenaphthene	9.880	154	1146231	55.939	ng	100
53) 3-Nitroaniline	9.798	138	158420	29.423	ng	98
54) 2,4-Dinitrophenol	9.910	184	312413	124.051	ng	95
55) Dibenzofuran	10.057	168	1383773	49.648	ng	100
56) 4-Nitrophenol	9.963	139	428885	101.709	ng	95
57) 2,4-Dinitrotoluene	10.039	165	352735	51.659	ng	97
58) Fluorene	10.398	166	1068273	49.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	308042	53.412	ng	98
60) Diethylphthalate	10.275	149	1107152	49.775	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	521088	49.376	ng	97
62) 4-Nitroaniline	10.416	138	269551	51.150	ng	98
63) Azobenzene	10.551	77	1071575	48.824	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	205269	60.806	ng	97
66) n-Nitrosodiphenylamine	10.510	169	944135	50.246	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	343255	51.178	ng	99
68) Hexachlorobenzene	10.945	284	384926	51.556	ng	97
69) Atrazine	11.039	200	323244	63.889	ng	99
70) Pentachlorophenol	11.139	266	484924	101.419	ng	99
71) Phenanthrene	11.357	178	1613241	51.581	ng	100
72) Anthracene	11.410	178	1644084	54.062	ng	100
73) Carbazole	11.563	167	1441828	51.706	ng	100
74) Di-n-butylphthalate	11.898	149	1644597	51.535	ng	100
75) Fluoranthene	12.545	202	1664799	53.341	ng	99
77) Benzidine	12.668	184	413432	60.302	ng	100
78) Pyrene	12.774	202	1696152	48.033	ng	100
80) Butylbenzylphthalate	13.398	149	645425	54.821	ng	97
81) Benzo(a)anthracene	13.963	228	1226022	48.727	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	234111	29.221	ng	98
83) Chrysene	13.998	228	1173460	49.843	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	778945	55.141	ng	100
85) Di-n-octyl phthalate	14.574	149	1114477	52.245	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	1231486	51.296	ng	98
88) Benzo(b)fluoranthene	15.009	252	1031329	48.808	ng	100
89) Benzo(k)fluoranthene	15.039	252	1000935	56.053	ng	99
90) Benzo(a)pyrene	15.368	252	968156	55.533	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	987145	50.838	ng	98
92) Benzo(g,h,i)perylene	17.315	276	925984	45.848	ng	99

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

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