Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141605.D
Acq On : 13 Feb 2025 11:00
Operator : RC/JU
Sample : PB166698BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 13 11:24:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166698BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

02/14/2025
Supervised By :mohammad ahmed

02/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	92398	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	371905	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	204526	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	347247	20.000	ng		0.00
76) Chrysene-d12	13.957	240	234201	20.000	ng		0.00
86) Perylene-d12	15.421	264	187533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	799598	135.670	ng		0.01
7) Phenol-d6	6.434	99	1002580	134.590	ng		0.00
23) Nitrobenzene-d5	7.357	82	664652	93.215	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	284291	138.371	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1257263	94.706	ng		0.00
79) Terphenyl-d14	12.898	244	1424579	102.687	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	97989	41.309	ng		98
3) Pyridine	3.328	79	226534	40.133	ng		97
4) n-Nitrosodimethylamine	3.275	42	150563	40.283	ng		95
6) Aniline	6.451	93	255548	36.571	ng	#	76
8) 2-Chlorophenol	6.575	128	280392	44.029	ng		99
9) Benzaldehyde	6.339	77	142144	35.909	ng		99
10) Phenol	6.445	94	330723	42.657	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	273305	46.932	ng		98
12) 1,3-Dichlorobenzene	6.728	146	289825	43.108	ng		98
13) 1,4-Dichlorobenzene	6.804	146	296721	43.196	ng		99
14) 1,2-Dichlorobenzene	6.957	146	280799	44.044	ng		100
15) Benzyl Alcohol	6.934	79	241507	42.278	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	422693	42.402	ng		80
17) 2-Methylphenol	7.051	107	216323	43.407	ng		98
18) Hexachloroethane	7.298	117	111477	43.851	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	194158	43.574	ng		97
20) 3+4-Methylphenols	7.204	107	279252	44.091	ng		98
22) Acetophenone	7.198	105	426334	46.084	ng		96
24) Nitrobenzene	7.375	77	291396	41.910	ng		98
25) Isophorone	7.610	82	516031	45.389	ng		99
26) 2-Nitrophenol	7.686	139	150302	43.450	ng		96
27) 2,4-Dimethylphenol	7.728	122	223197	55.231	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	318949	43.781	ng		100
29) 2,4-Dichlorophenol	7.934	162	236209	43.261	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	254957	42.879	ng		100
31) Naphthalene	8.092	128	804231	41.543	ng		100
32) Benzoic acid	7.869	122	176172	41.970	ng		98
33) 4-Chloroaniline	8.151	127	98256	14.537	ng		98
34) Hexachlorobutadiene	8.204	225	156353	43.802	ng		100
35) Caprolactam	8.516	113	81866m	49.244	ng		
36) 4-Chloro-3-methylphenol	8.639	107	257961	42.651	ng		100
37) 2-Methylnaphthalene	8.781	142	516312	40.985	ng		99
38) 1-Methylnaphthalene	8.880	142	500500	41.021	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	281180	47.519	ng		98
41) Hexachlorocyclopentadiene	8.933	237	292707	148.725	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	167235	43.729	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	178270	43.011	ng	98
46) 1,1'-Biphenyl	9.245	154	746887	47.103	ng	99
47) 2-Chloronaphthalene	9.275	162	514461	43.876	ng	99
48) 2-Nitroaniline	9.375	65	169174	42.991	ng	97
49) Acenaphthylene	9.686	152	784819	45.000	ng	99
50) Dimethylphthalate	9.551	163	615531	44.331	ng	100
51) 2,6-Dinitrotoluene	9.616	165	133794	44.079	ng	97
52) Acenaphthene	9.857	154	495982	42.302	ng	98
53) 3-Nitroaniline	9.786	138	89201	27.305	ng	98
54) 2,4-Dinitrophenol	9.898	184	152925	84.772	ng	92
55) Dibenzofuran	10.033	168	708386	41.161	ng	100
56) 4-Nitrophenol	9.963	139	208415	85.940	ng	96
57) 2,4-Dinitrotoluene	10.022	165	180086	44.568	ng	98
58) Fluorene	10.375	166	569757	42.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	154648	43.339	ng	96
60) Diethylphthalate	10.251	149	594740	43.536	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	275984	43.111	ng	99
62) 4-Nitroaniline	10.404	138	138106	41.633	ng	96
63) Azobenzene	10.527	77	568098	41.831	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	101267	41.982	ng	93
66) n-Nitrosodiphenylamine	10.486	169	503913	45.333	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	173670	44.749	ng	99
68) Hexachlorobenzene	10.922	284	182942	45.778	ng	99
69) Atrazine	11.016	200	187022	56.083	ng	99
70) Pentachlorophenol	11.122	266	203528	79.649	ng	97
71) Phenanthrene	11.339	178	856637	44.816	ng	100
72) Anthracene	11.386	178	880692	45.835	ng	100
73) Carbazole	11.545	167	755125	43.676	ng	100
74) Di-n-butylphthalate	11.874	149	906775	45.422	ng	100
75) Fluoranthene	12.521	202	886870	43.764	ng	99
77) Benzidine	12.651	184	290464	56.235	ng	99
78) Pyrene	12.751	202	882850	44.282	ng	100
80) Butylbenzylphthalate	13.374	149	335220	48.544	ng	99
81) Benzo(a)anthracene	13.945	228	676642	43.463	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	140362	31.474	ng	98
83) Chrysene	13.986	228	647171	45.021	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	404755	51.969	ng	100
85) Di-n-octyl phthalate	14.562	149	560303	50.429	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	552240	47.658	ng	99
88) Benzo(b)fluoranthene	15.004	252	545227	43.300	ng	100
89) Benzo(k)fluoranthene	15.027	252	491535	45.714	ng	99
90) Benzo(a)pyrene	15.362	252	478095	46.923	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	449437	47.868	ng	99
92) Benzo(g,h,i)perylene	17.298	276	429993	43.763	ng	100

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

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