Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141498.D
Acq On : 07 Feb 2025 10:47
Operator : RC/JU
Sample : PB166588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 11:21:08 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 :
PB166588BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
02/10/2025
Supervised By :mohammad ahmed
02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	80338	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	334898	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	185945	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	320161	20.000	ng		0.00
76) Chrysene-d12	13.957	240	225366	20.000	ng		0.00
86) Perylene-d12	15.415	264	179997	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	748951	146.153	ng		0.00
7) Phenol-d6	6.434	99	944127	145.769	ng		0.00
23) Nitrobenzene-d5	7.357	82	620636	96.660	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	272082	145.662	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1168393	96.807	ng		0.00
79) Terphenyl-d14	12.904	244	1414164	105.932	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	88303	42.814	ng		97
3) Pyridine	3.310	79	213020	43.404	ng		98
4) n-Nitrosodimethylamine	3.257	42	150248	46.234	ng		99
6) Aniline	6.451	93	286269	47.118	ng		99
8) 2-Chlorophenol	6.575	128	265384	47.928	ng		98
9) Benzaldehyde	6.340	77	166942	48.504	ng		99
10) Phenol	6.445	94	321299	47.662	ng		95
11) bis(2-Chloroethyl)ether	6.528	93	238796	47.162	ng		100
12) 1,3-Dichlorobenzene	6.728	146	272988	46.699	ng		98
13) 1,4-Dichlorobenzene	6.804	146	277936	46.535	ng		100
14) 1,2-Dichlorobenzene	6.957	146	263115	47.465	ng		100
15) Benzyl Alcohol	6.934	79	234819	47.278	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	409183	47.209	ng		83
17) 2-Methylphenol	7.051	107	211995	48.924	ng		99
18) Hexachloroethane	7.298	117	103261	46.716	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	187395	48.370	ng		99
20) 3+4-Methylphenols	7.204	107	271718	49.342	ng		99
22) Acetophenone	7.198	105	405086	48.625	ng	#	99
24) Nitrobenzene	7.375	77	280368	44.779	ng		99
25) Isophorone	7.610	82	502497	49.083	ng		100
26) 2-Nitrophenol	7.687	139	141710	45.493	ng		98
27) 2,4-Dimethylphenol	7.728	122	213466	58.661	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	303913	46.327	ng		99
29) 2,4-Dichlorophenol	7.934	162	228008	46.373	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	237617	44.379	ng		98
31) Naphthalene	8.092	128	766733	43.982	ng		100
32) Benzoic acid	7.863	122	187334	49.561	ng		98
33) 4-Chloroaniline	8.145	127	171316	28.147	ng		98
34) Hexachlorobutadiene	8.210	225	146059	45.440	ng		99
35) Caprolactam	8.516	113	80139m	53.532	ng		
36) 4-Chloro-3-methylphenol	8.634	107	254414	46.712	ng		99
37) 2-Methylnaphthalene	8.786	142	486912	42.922	ng		100
38) 1-Methylnaphthalene	8.886	142	481986	43.869	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	263922	49.060	ng		98
41) Hexachlorocyclopentadiene	8.939	237	302435	169.024	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	164721	47.375	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	172319	45.730	ng	97
46) 1,1'-Biphenyl	9.251	154	714451	49.560	ng	100
47) 2-Chloronaphthalene	9.275	162	489546	45.923	ng	100
48) 2-Nitroaniline	9.375	65	167547	46.833	ng	97
49) Acenaphthylene	9.692	152	765277	48.265	ng	100
50) Dimethylphthalate	9.557	163	582607	46.153	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129788	47.032	ng	99
52) Acenaphthene	9.863	154	476585	44.709	ng	99
53) 3-Nitroaniline	9.786	138	87695	29.526	ng	97
54) 2,4-Dinitrophenol	9.898	184	166600	101.581	ng	95
55) Dibenzofuran	10.033	168	698069	44.615	ng	99
56) 4-Nitrophenol	9.963	139	227806	103.323	ng	98
57) 2,4-Dinitrotoluene	10.022	165	179824	48.950	ng	99
58) Fluorene	10.380	166	553155	45.723	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154816	47.721	ng	97
60) Diethylphthalate	10.257	149	563641	45.382	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	266816	45.844	ng	98
62) 4-Nitroaniline	10.404	138	137788	45.688	ng	99
63) Azobenzene	10.528	77	555327	44.977	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	107755	48.451	ng	94
66) n-Nitrosodiphenylamine	10.492	169	487543	47.571	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166109	46.422	ng	95
68) Hexachlorobenzene	10.927	284	176599	47.929	ng	99
69) Atrazine	11.022	200	185132	60.213	ng	99
70) Pentachlorophenol	11.122	266	228624	97.039	ng	100
71) Phenanthrene	11.339	178	831179	47.163	ng	100
72) Anthracene	11.392	178	859979	48.543	ng	100
73) Carbazole	11.551	167	758962	47.612	ng	100
74) Di-n-butylphthalate	11.880	149	872930	47.426	ng	100
75) Fluoranthene	12.527	202	886972	47.472	ng	100
77) Benzidine	12.651	184	387259	77.915	ng	99
78) Pyrene	12.757	202	916166	47.755	ng	100
80) Butylbenzylphthalate	13.380	149	344622	51.862	ng	99
81) Benzo(a)anthracene	13.951	228	725475	48.427	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	151072	35.204	ng	99
83) Chrysene	13.986	228	641268	46.359	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419034	55.912	ng	99
85) Di-n-octyl phthalate	14.563	149	577385	54.003	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	562035	50.534	ng	99
88) Benzo(b)fluoranthene	14.998	252	566287	46.855	ng	100
89) Benzo(k)fluoranthene	15.021	252	498122	48.266	ng	99
90) Benzo(a)pyrene	15.357	252	499027	51.028	ng	100
91) Dibenzo(a,h)anthracene	16.874	278	451222	50.070	ng	99
92) Benzo(g,h,i)perylene	17.292	276	436456	46.281	ng	99

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

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