Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141444.D
Acq On : 05 Feb 2025 13:58
Operator : RC/JU
Sample : PB166525BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 05 14:43:23 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 :
PB166525BS

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	6.786	152	70182	20.000	ng		-0.02
21) Naphthalene-d8	8.075	136	270917	20.000	ng		#-0.01
39) Acenaphthene-d10	9.827	164	146640	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	253006	20.000	ng		-0.01
76) Chrysene-d12	13.962	240	170069	20.000	ng		-0.01
86) Perylene-d12	15.427	264	150082	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	612828	134.054	ng		0.00
7) Phenol-d6	6.434	99	740558	127.341	ng		0.00
23) Nitrobenzene-d5	7.357	82	494377	96.199	ng		-0.01
42) 2,4,6-Tribromophenol	10.621	330	205590	152.929	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	905878	95.084	ng		-0.01
79) Terphenyl-d14	12.904	244	1067122	96.767	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	74119	36.865	ng		96
3) Pyridine	3.275	79	174048	35.929	ng		94
4) n-Nitrosodimethylamine	3.222	42	124737	45.075	ng		86
6) Aniline	6.451	93	182095	36.990	ng	#	18
8) 2-Chlorophenol	6.581	128	209010	42.656	ng		96
9) Benzaldehyde	6.339	77	154371	45.827	ng		100
10) Phenol	6.445	94	249947	40.544	ng	#	66
11) bis(2-Chloroethyl)ether	6.528	93	188410	39.860	ng		99
12) 1,3-Dichlorobenzene	6.728	146	222982	41.273	ng		99
13) 1,4-Dichlorobenzene	6.804	146	225721	41.589	ng		99
14) 1,2-Dichlorobenzene	6.957	146	212718	41.856	ng		98
15) Benzyl Alcohol	6.933	79	184609	46.451	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	321021	39.056	ng		66
17) 2-Methylphenol	7.051	107	161798	40.629	ng	#	93
18) Hexachloroethane	7.298	117	85320	42.613	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	144607	41.847	ng		100
20) 3+4-Methylphenols	7.204	107	209932	42.934	ng		90
22) Acetophenone	7.198	105	320963	49.842	ng	#	99
24) Nitrobenzene	7.375	77	222650	41.807	ng		99
25) Isophorone	7.610	82	382756	43.086	ng		98
26) 2-Nitrophenol	7.686	139	111528	44.404	ng		93
27) 2,4-Dimethylphenol	7.733	122	170059m	53.194	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	230233	40.631	ng		99
29) 2,4-Dichlorophenol	7.939	162	173755	44.395	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	187551	41.961	ng		99
31) Naphthalene	8.092	128	599691	41.902	ng		100
32) Benzoic acid	7.857	122	137129	46.660	ng		98
33) 4-Chloroaniline	8.145	127	78867	16.251	ng		99
34) Hexachlorobutadiene	8.210	225	118260	45.117	ng		99
35) Caprolactam	8.510	113	58335m	45.638	ng		
36) 4-Chloro-3-methylphenol	8.639	107	187890	44.756	ng		96
37) 2-Methylnaphthalene	8.786	142	375245	41.252	ng		99
38) 1-Methylnaphthalene	8.886	142	369648	41.369	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	206053	49.393	ng		98
41) Hexachlorocyclopentadiene	8.939	237	230655	187.215	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	122257	44.774	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	129684	43.637	ng	99
46) 1,1'-Biphenyl	9.251	154	545169	47.671	ng	98
47) 2-Chloronaphthalene	9.275	162	371176	41.640	ng	99
48) 2-Nitroaniline	9.374	65	126490	45.114	ng	97
49) Acenaphthylene	9.692	152	574189	46.017	ng	100
50) Dimethylphthalate	9.551	163	432218	43.641	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96021	41.756	ng	95
52) Acenaphthene	9.863	154	438375m	49.177	ng	
53) 3-Nitroaniline	9.780	138	50131	22.242	ng	96
54) 2,4-Dinitrophenol	9.898	184	119030	111.349	ng	93
55) Dibenzofuran	10.033	168	519099	43.505	ng	96
56) 4-Nitrophenol	9.963	139	159299	96.643	ng	89
57) 2,4-Dinitrotoluene	10.022	165	137163	46.069	ng	94
58) Fluorene	10.380	166	415063	44.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111673	47.763	ng	97
60) Diethylphthalate	10.257	149	424308	44.185	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	200349	44.315	ng	97
62) 4-Nitroaniline	10.398	138	97735	44.107	ng	89
63) Azobenzene	10.533	77	410979	42.755	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	75531	50.471	ng	94
66) n-Nitrosodiphenylamine	10.492	169	365376	44.650	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	122578	43.276	ng	100
68) Hexachlorobenzene	10.927	284	131549	43.783	ng	99
69) Atrazine	11.021	200	142140	51.951	ng	98
70) Pentachlorophenol	11.127	266	164425	93.454	ng	99
71) Phenanthrene	11.339	178	634856	46.680	ng	100
72) Anthracene	11.392	178	650983	48.852	ng	100
73) Carbazole	11.551	167	559736	47.370	ng	99
74) Di-n-butylphthalate	11.880	149	652645	45.576	ng	99
75) Fluoranthene	12.533	202	668611	49.790	ng	97
77) Benzidine	12.657	184	224457	41.169	ng	99
78) Pyrene	12.757	202	682267	41.793	ng	100
80) Butylbenzylphthalate	13.380	149	261575	45.864	ng	99
81) Benzo(a)anthracene	13.951	228	502103	42.784	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	78216	20.955	ng	99
83) Chrysene	13.992	228	481401	44.759	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	325306	44.964	ng	99
85) Di-n-octyl phthalate	14.568	149	473599	42.146	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	436877	45.101	ng	95
88) Benzo(b)fluoranthene	15.004	252	445506	47.191	ng	98
89) Benzo(k)fluoranthene	15.033	252	366553	43.829	ng	98
90) Benzo(a)pyrene	15.368	252	390312	48.925	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	352311	45.207	ng	97
92) Benzo(g,h,i)perylene	17.309	276	332118	40.985	ng	95

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

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