Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141555.D
Acq On : 11 Feb 2025 12:13
Operator : RC/JU
Sample : PB166641BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 12:40:42 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 :
PB166641BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
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	98554	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	391258	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	220324	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	382864	20.000	ng		0.00
76) Chrysene-d12	13.957	240	259250	20.000	ng		0.00
86) Perylene-d12	15.404	264	202543	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	791057	125.837	ng		0.01
7) Phenol-d6	6.434	99	993283	125.013	ng		0.00
23) Nitrobenzene-d5	7.357	82	662200	88.277	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	291680	131.788	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1266144	88.537	ng		0.00
79) Terphenyl-d14	12.898	244	1493792	97.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	100772	39.829	ng		99
3) Pyridine	3.316	79	242963	40.354	ng		98
4) n-Nitrosodimethylamine	3.269	42	162958	40.876	ng		98
6) Aniline	6.451	93	286812	38.482	ng		88
8) 2-Chlorophenol	6.575	128	294241	43.318	ng		98
9) Benzaldehyde	6.340	77	173724	41.145	ng		99
10) Phenol	6.445	94	348685	42.164	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	264747	42.623	ng		100
12) 1,3-Dichlorobenzene	6.728	146	301623	42.061	ng		99
13) 1,4-Dichlorobenzene	6.804	146	310923	42.436	ng		99
14) 1,2-Dichlorobenzene	6.957	146	295105	43.397	ng		99
15) Benzyl Alcohol	6.934	79	258049	42.352	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	455151	42.806	ng		79
17) 2-Methylphenol	7.051	107	233550	43.936	ng		98
18) Hexachloroethane	7.298	117	117449	43.314	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	204888	43.110	ng		100
20) 3+4-Methylphenols	7.204	107	295706	43.773	ng		99
22) Acetophenone	7.198	105	449779	46.213	ng	#	98
24) Nitrobenzene	7.375	77	308363	42.156	ng		100
25) Isophorone	7.616	82	561611	46.955	ng		98
26) 2-Nitrophenol	7.686	139	160199	44.020	ng		97
27) 2,4-Dimethylphenol	7.728	122	234630	55.189	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	335627	43.791	ng		99
29) 2,4-Dichlorophenol	7.934	162	251335	43.754	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	264468	42.279	ng		100
31) Naphthalene	8.092	128	854031	41.933	ng		100
32) Benzoic acid	7.869	122	189911	43.005	ng		99
33) 4-Chloroaniline	8.145	127	170881	24.032	ng		97
34) Hexachlorobutadiene	8.210	225	165112	43.968	ng		99
35) Caprolactam	8.522	113	86733m	49.591	ng		
36) 4-Chloro-3-methylphenol	8.633	107	276514	43.457	ng		99
37) 2-Methylnaphthalene	8.786	142	549494	41.461	ng		99
38) 1-Methylnaphthalene	8.881	142	534725	41.658	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	296238	46.474	ng		99
41) Hexachlorocyclopentadiene	8.939	237	323436	152.555	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	180200	43.740	ng		99

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44) 2,4,5-Trichlorophenol	9.110	196	187190	41.925	ng	99
46) 1,1'-Biphenyl	9.251	154	798452	46.744	ng	100
47) 2-Chloronaphthalene	9.275	162	543735	43.047	ng	99
48) 2-Nitroaniline	9.375	65	183710	43.338	ng	98
49) Acenaphthylene	9.686	152	847399	45.105	ng	99
50) Dimethylphthalate	9.551	163	648306	43.344	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143153	43.781	ng	99
52) Acenaphthene	9.863	154	531720	42.098	ng	99
53) 3-Nitroaniline	9.786	138	95888	27.247	ng	98
54) 2,4-Dinitrophenol	9.898	184	186814	96.132	ng	95
55) Dibenzofuran	10.033	168	762826	41.146	ng	100
56) 4-Nitrophenol	9.963	139	235458	90.129	ng	97
57) 2,4-Dinitrotoluene	10.022	165	195342	44.877	ng	99
58) Fluorene	10.375	166	617507	43.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166933	43.427	ng	96
60) Diethylphthalate	10.251	149	630385	42.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	297608	43.155	ng	98
62) 4-Nitroaniline	10.404	138	148745	41.625	ng	98
63) Azobenzene	10.527	77	613471	41.933	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	118527	44.566	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533140	43.501	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	185946	43.455	ng	97
68) Hexachlorobenzene	10.922	284	195967	44.475	ng	97
69) Atrazine	11.022	200	211913	57.636	ng	99
70) Pentachlorophenol	11.122	266	239236	84.913	ng	99
71) Phenanthrene	11.339	178	920349	43.670	ng	100
72) Anthracene	11.392	178	953911	45.027	ng	100
73) Carbazole	11.545	167	820868	43.062	ng	100
74) Di-n-butylphthalate	11.874	149	984268	44.718	ng	100
75) Fluoranthene	12.527	202	969771	43.403	ng	99
77) Benzidine	12.651	184	375352	65.649	ng	99
78) Pyrene	12.757	202	973088	44.093	ng	100
80) Butylbenzylphthalate	13.374	149	366834	47.989	ng	99
81) Benzo(a)anthracene	13.945	228	750425	43.545	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	144570	29.286	ng	100
83) Chrysene	13.980	228	679672	42.714	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	443280	51.416	ng	100
85) Di-n-octyl phthalate	14.551	149	598210	48.638	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	587411	46.937	ng	99
88) Benzo(b)fluoranthene	14.986	252	589857	43.373	ng	99
89) Benzo(k)fluoranthene	15.015	252	476256	41.011	ng	99
90) Benzo(a)pyrene	15.345	252	494581	44.944	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	474734	46.815	ng	99
92) Benzo(g,h,i)perylene	17.286	276	462433	43.577	ng	99

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

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