

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141405.D
 Acq On : 04 Feb 2025 13:47
 Operator : RC/JU
 Sample : PB166360BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166360BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 04 14:17:57 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88432	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	354444	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	192238	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	331523	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	256577	20.000	ng	-0.01
86) Perylene-d12	15.421	264	210910	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	769318	133.556	ng	0.00
7) Phenol-d6	6.434	99	936922	127.858	ng	0.00
23) Nitrobenzene-d5	7.357	82	623241	92.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	271316	153.949	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1183823	94.785	ng	-0.01
79) Terphenyl-d14	12.904	244	1416066	85.114	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	99205	39.160	ng	99
3) Pyridine	3.275	79	223408	36.601	ng	98
4) n-Nitrosodimethylamine	3.216	42	151052	43.320	ng	90
6) Aniline	6.451	93	235017	37.888	ng	# 22
8) 2-Chlorophenol	6.581	128	264577	42.853	ng	96
9) Benzaldehyde	6.340	77	205545	48.426	ng	98
10) Phenol	6.446	94	311602	40.114	ng	# 65
11) bis(2-Chloroethyl)ether	6.528	93	239698	40.245	ng	98
12) 1,3-Dichlorobenzene	6.728	146	274342	40.300	ng	99
13) 1,4-Dichlorobenzene	6.804	146	276285	40.400	ng	99
14) 1,2-Dichlorobenzene	6.957	146	266079	41.550	ng	99
15) Benzyl Alcohol	6.934	79	230635	46.055	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	403685	38.977	ng	55
17) 2-Methylphenol	7.057	107	204968	40.848	ng	# 89
18) Hexachloroethane	7.298	117	104293	41.339	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	182475	41.908	ng	99
20) 3+4-Methylphenols	7.204	107	263250	42.728	ng	91
22) Acetophenone	7.198	105	403906	47.941	ng	# 97
24) Nitrobenzene	7.375	77	280239	40.220	ng	100
25) Isophorone	7.610	82	496476	42.717	ng	99
26) 2-Nitrophenol	7.687	139	137753	41.920	ng	94
27) 2,4-Dimethylphenol	7.734	122	218249m	52.180	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	296047	39.933	ng	99
29) 2,4-Dichlorophenol	7.940	162	219155	42.800	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	235183	40.218	ng	100
31) Naphthalene	8.092	128	760572	40.619	ng	100
32) Benzoic acid	7.857	122	180009	46.816	ng	97
33) 4-Chloroaniline	8.145	127	115619	18.209	ng	98
34) Hexachlorobutadiene	8.210	225	146819	42.813	ng	99
35) Caprolactam	8.510	113	76562m	45.783	ng	
36) 4-Chloro-3-methylphenol	8.640	107	240374	43.764	ng	96
37) 2-Methylnaphthalene	8.787	142	481699	40.476	ng	99
38) 1-Methylnaphthalene	8.887	142	466741	39.925	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	256112	46.830	ng	99
41) Hexachlorocyclopentadiene	8.939	237	304265	188.383	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	157506	44.001	ng	100

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44) 2,4,5-Trichlorophenol	9.116	196	166270	42.677	ng	99
46) 1,1'-Biphenyl	9.251	154	697536	46.526	ng	99
47) 2-Chloronaphthalene	9.275	162	474573	40.612	ng	99
48) 2-Nitroaniline	9.375	65	160837	43.758	ng	97
49) Acenaphthylene	9.692	152	742670	45.402	ng	100
50) Dimethylphthalate	9.551	163	559047	43.058	ng	99
51) 2,6-Dinitrotoluene	9.616	165	122811	40.738	ng	98
52) Acenaphthene	9.863	154	562051m	48.096	ng	
53) 3-Nitroaniline	9.781	138	68407	23.152	ng	94
54) 2,4-Dinitrophenol	9.892	184	154202	110.036	ng	92
55) Dibenzofuran	10.034	168	670888	42.889	ng	97
56) 4-Nitrophenol	9.963	139	216899	100.375	ng	91
57) 2,4-Dinitrotoluene	10.022	165	172043	44.078	ng	94
58) Fluorene	10.381	166	529308	43.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	144118	47.020	ng	98
60) Diethylphthalate	10.257	149	546694	43.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	253263	42.731	ng	96
62) 4-Nitroaniline	10.398	138	125138	43.079	ng	90
63) Azobenzene	10.533	77	534762	42.436	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	99101	50.537	ng	98
66) n-Nitrosodiphenylamine	10.492	169	467566	43.605	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	160678	43.292	ng	98
68) Hexachlorobenzene	10.928	284	171129	43.467	ng	98
69) Atrazine	11.022	200	183809	51.270	ng	99
70) Pentachlorophenol	11.128	266	221801	96.208	ng	99
71) Phenanthrene	11.339	178	802178	45.014	ng	100
72) Anthracene	11.392	178	822918	47.129	ng	100
73) Carbazole	11.551	167	716227	46.259	ng	99
74) Di-n-butylphthalate	11.880	149	862780	45.981	ng	99
75) Fluoranthene	12.527	202	863695	49.085	ng	98
77) Benzidine	12.657	184	410980	49.964	ng	99
78) Pyrene	12.757	202	881155	35.777	ng	100
80) Butylbenzylphthalate	13.380	149	360119	41.853	ng	98
81) Benzo(a)anthracene	13.951	228	716906	40.491	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	115963	20.593	ng	99
83) Chrysene	13.986	228	689060	42.465	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	480602	44.032	ng	99
85) Di-n-octyl phthalate	14.569	149	750526	44.271	ng	99
87) Indeno(1,2,3-cd)pyrene	16.863	276	575069	42.245	ng	96
88) Benzo(b)fluoranthene	15.004	252	598008	45.076	ng	98
89) Benzo(k)fluoranthene	15.033	252	545420	46.408	ng	99
90) Benzo(a)pyrene	15.363	252	528708	47.160	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	463193	42.293	ng	98
92) Benzo(g,h,i)perylene	17.298	276	436604	38.340	ng	96

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

