

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141445.D
 Acq On : 05 Feb 2025 14:24
 Operator : RC/JU
 Sample : PB166354BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BS

Quant Time: Feb 05 15:10:14 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 02/06/2025

Supervised By :mohammad
 ahmed
 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68626	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	266966	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	145742	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	256036	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	181162	20.000	ng	-0.01
86) Perylene-d12	15.427	264	151994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	603037	134.903	ng	0.00
7) Phenol-d6	6.434	99	728485	128.105	ng	0.00
23) Nitrobenzene-d5	7.351	82	490667	96.890	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	212518	159.056	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	913712	96.498	ng	-0.01
79) Terphenyl-d14	12.904	244	1126962	95.935	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	72184	36.717	ng	95
3) Pyridine	3.275	79	182711	38.573	ng	95
4) n-Nitrosodimethylamine	3.222	42	135924	50.232	ng	84
6) Aniline	6.451	93	181890	37.786	ng	# 10
8) 2-Chlorophenol	6.581	128	230490	48.107	ng	96
9) Benzaldehyde	6.340	77	21351	6.482	ng	97
10) Phenol	6.445	94	273520	45.374	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	209406	45.306	ng	97
12) 1,3-Dichlorobenzene	6.728	146	241954	45.800	ng	99
13) 1,4-Dichlorobenzene	6.804	146	248016	46.733	ng	99
14) 1,2-Dichlorobenzene	6.957	146	235419	47.373	ng	98
15) Benzyl Alcohol	6.934	79	203135	52.271	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	354485	44.105	ng	67
17) 2-Methylphenol	7.051	107	178277	45.782	ng	# 90
18) Hexachloroethane	7.298	117	95800	48.932	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	161029	47.656	ng	99
20) 3+4-Methylphenols	7.204	107	230609	48.232	ng	94
22) Acetophenone	7.198	105	319022	50.273	ng	98
24) Nitrobenzene	7.375	77	246578	46.985	ng	100
25) Isophorone	7.610	82	424353	48.476	ng	98
26) 2-Nitrophenol	7.686	139	121983	49.285	ng	90
27) 2,4-Dimethylphenol	7.734	122	178612m	56.696	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	257162	46.055	ng	99
29) 2,4-Dichlorophenol	7.939	162	187988	48.743	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	205216	46.593	ng	99
31) Naphthalene	8.092	128	671445	47.610	ng	100
32) Benzoic acid	7.857	122	136775	47.228	ng	97
33) 4-Chloroaniline	8.145	127	98370	20.569	ng	99
34) Hexachlorobutadiene	8.210	225	128349	49.691	ng	99
35) Caprolactam	8.510	113	58971m	46.819	ng	
36) 4-Chloro-3-methylphenol	8.639	107	211551	51.138	ng	96
37) 2-Methylnaphthalene	8.786	142	440350	49.126	ng	100
38) 1-Methylnaphthalene	8.886	142	406509	46.167	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	203886	49.174	ng	98
41) Hexachlorocyclopentadiene	8.939	237	231393	188.971	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	136431	50.272	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	147177	49.828	ng	99
46) 1,1'-Biphenyl	9.251	154	544215	47.880	ng	98
47) 2-Chloronaphthalene	9.275	162	408580	46.119	ng	99
48) 2-Nitroaniline	9.375	65	144841	51.978	ng	96
49) Acenaphthylene	9.692	152	640514	51.649	ng	100
50) Dimethylphthalate	9.557	163	493851	50.171	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110779	48.470	ng	96
52) Acenaphthene	9.863	154	499019m	56.325	ng	
53) 3-Nitroaniline	9.786	138	64793	28.925	ng	100
54) 2,4-Dinitrophenol	9.898	184	124538	117.220	ng	92
55) Dibenzofuran	10.033	168	587088	49.506	ng	96
56) 4-Nitrophenol	9.963	139	174985	106.813	ng	87
57) 2,4-Dinitrotoluene	10.022	165	154900	52.347	ng	93
58) Fluorene	10.380	166	466233	50.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	130376	56.106	ng	98
60) Diethylphthalate	10.257	149	493211	51.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	225742	50.239	ng	95
62) 4-Nitroaniline	10.404	138	112592	51.125	ng	90
63) Azobenzene	10.533	77	473769	49.591	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	89105	58.837	ng	99
66) n-Nitrosodiphenylamine	10.492	169	413491	49.932	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	141597	49.399	ng	100
68) Hexachlorobenzene	10.927	284	151314	49.765	ng	99
69) Atrazine	11.022	200	147341	53.215	ng	98
70) Pentachlorophenol	11.127	266	185211	104.023	ng	100
71) Phenanthrene	11.345	178	719596	52.285	ng	99
72) Anthracene	11.392	178	741186	54.963	ng	99
73) Carbazole	11.551	167	640285	53.546	ng	99
74) Di-n-butylphthalate	11.880	149	764248	52.738	ng	99
75) Fluoranthene	12.533	202	778134	57.260	ng	97
77) Benzidine	12.657	184	169088	29.114	ng	99
78) Pyrene	12.763	202	800870	46.054	ng	100
80) Butylbenzylphthalate	13.380	149	308931	50.851	ng	99
81) Benzo(a)anthracene	13.951	228	602014	48.156	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	96189	24.192	ng	97
83) Chrysene	13.992	228	584203	50.991	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	392941	50.987	ng	99
85) Di-n-octyl phthalate	14.574	149	595439	49.744	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	490962	50.047	ng	95
88) Benzo(b)fluoranthene	15.010	252	487801	51.021	ng	98
89) Benzo(k)fluoranthene	15.039	252	464002	54.783	ng	98
90) Benzo(a)pyrene	15.368	252	439777	54.432	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	395116	50.062	ng	97
92) Benzo(g,h,i)perylene	17.309	276	365041	44.481	ng #	94

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

