

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141533.D
 Acq On : 10 Feb 2025 12:26
 Operator : RC/JU
 Sample : PB166619BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

Quant Time: Feb 10 12:54:54 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

Manual Integrations APPROVED

Reviewed By :Anahy
 Claudio

02/11/2025
 Supervised By :Jagrut
 Upadhyay

02/11/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90197	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	363645	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	200498	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	341345	20.000	ng	0.00
76) Chrysene-d12	13.963	240	224165	20.000	ng	0.00
86) Perylene-d12	15.445	264	193889	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	542298	94.259	ng	0.01
7) Phenol-d6	6.434	99	663533	91.249	ng	0.00
23) Nitrobenzene-d5	7.357	82	662117	94.969	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	185126	91.915	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1253313	96.306	ng	0.00
79) Terphenyl-d14	12.898	244	1359805	102.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	96761	41.787	ng	98
3) Pyridine	3.310	79	230819	41.889	ng	99
4) n-Nitrosodimethylamine	3.263	42	161187	44.178	ng	99
6) Aniline	6.451	93	293162	42.978	ng	93
8) 2-Chlorophenol	6.581	128	285789	45.971	ng	100
9) Benzaldehyde	6.340	77	165581	42.850	ng	99
10) Phenol	6.445	94	340192	44.949	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	258448	45.464	ng	99
12) 1,3-Dichlorobenzene	6.728	146	292036	44.497	ng	99
13) 1,4-Dichlorobenzene	6.804	146	297996	44.440	ng	100
14) 1,2-Dichlorobenzene	6.957	146	286894	46.098	ng	98
15) Benzyl Alcohol	6.934	79	252931	45.358	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	447885	46.026	ng	77
17) 2-Methylphenol	7.051	107	221410	45.512	ng	98
18) Hexachloroethane	7.298	117	112819	45.461	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	196850	45.257	ng	100
20) 3+4-Methylphenols	7.204	107	281250	45.491	ng	99
22) Acetophenone	7.198	105	436054	48.205	ng	98
24) Nitrobenzene	7.375	77	301990	44.420	ng	99
25) Isophorone	7.616	82	537486	48.350	ng	99
26) 2-Nitrophenol	7.692	139	151808	44.882	ng	94
27) 2,4-Dimethylphenol	7.734	122	230740	58.395	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	326230	45.798	ng	100
29) 2,4-Dichlorophenol	7.939	162	234745	43.969	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	257928	44.364	ng	99
31) Naphthalene	8.092	128	821878	43.419	ng	100
32) Benzoic acid	7.869	122	172184	41.952	ng	98
33) 4-Chloroaniline	8.145	127	218486	33.060	ng	99
34) Hexachlorobutadiene	8.210	225	158452	45.398	ng	99
35) Caprolactam	8.522	113	82348m	50.659	ng	
36) 4-Chloro-3-methylphenol	8.633	107	259537	43.886	ng	100
37) 2-Methylnaphthalene	8.786	142	522602	42.427	ng	99
38) 1-Methylnaphthalene	8.886	142	508295	42.606	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	282482	48.698	ng	98
41) Hexachlorocyclopentadiene	8.939	237	317193	164.405	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	170317	45.429	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	176861	43.529	ng	97
46) 1,1'-Biphenyl	9.251	154	755777	48.621	ng	99
47) 2-Chloronaphthalene	9.275	162	512881	44.620	ng	100
48) 2-Nitroaniline	9.375	65	171825	44.542	ng	98
49) Acenaphthylene	9.692	152	793675	46.422	ng	100
50) Dimethylphthalate	9.551	163	609272	44.762	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134492	45.199	ng	98
52) Acenaphthene	9.863	154	512099	44.554	ng	99
53) 3-Nitroaniline	9.786	138	87976	27.471	ng	99
54) 2,4-Dinitrophenol	9.898	184	159087	89.959	ng	96
55) Dibenzofuran	10.033	168	726329	43.052	ng	100
56) 4-Nitrophenol	9.963	139	217637	91.546	ng	98
57) 2,4-Dinitrotoluene	10.022	165	184501	46.578	ng	99
58) Fluorene	10.375	166	578509	44.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153497	43.880	ng	97
60) Diethylphthalate	10.251	149	589921	44.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	279211	44.491	ng	99
62) 4-Nitroaniline	10.398	138	137313	42.225	ng	98
63) Azobenzene	10.527	77	580381	43.594	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	103421	43.616	ng	98
66) n-Nitrosodiphenylamine	10.486	169	499439	45.708	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	173022	45.353	ng	97
68) Hexachlorobenzene	10.927	284	185767	47.288	ng	98
69) Atrazine	11.022	200	194866	59.446	ng	98
70) Pentachlorophenol	11.122	266	214572	85.422	ng	100
71) Phenanthrene	11.339	178	855349	45.523	ng	100
72) Anthracene	11.392	178	881404	46.665	ng	100
73) Carbazole	11.545	167	753860	44.357	ng	100
74) Di-n-butylphthalate	11.874	149	899944	45.860	ng	100
75) Fluoranthene	12.527	202	863445	43.344	ng	100
77) Benzidine	12.651	184	371347	75.114	ng	99
78) Pyrene	12.757	202	876728	45.944	ng	99
80) Butylbenzylphthalate	13.374	149	322579	48.804	ng	99
81) Benzo(a)anthracene	13.951	228	688760	46.222	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	126075	29.536	ng	99
83) Chrysene	13.992	228	610220	44.351	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	379642	50.927	ng	99
85) Di-n-octyl phthalate	14.580	149	583387	54.857	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	612239	51.104	ng	100
88) Benzo(b)fluoranthene	15.021	252	590236	45.338	ng	100
89) Benzo(k)fluoranthene	15.051	252	436093	39.228	ng	99
90) Benzo(a)pyrene	15.380	252	485203	46.059	ng	97
91) Dibenzo(a,h)anthracene	16.909	278	494642	50.955	ng	100
92) Benzo(g,h,i)perylene	17.333	276	484949	47.739	ng	99

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

