

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136422.D
 Acq On : 06 Dec 2023 11:41
 Operator : CG\JU
 Sample : PB157066BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157066BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 12:25:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	126453	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	539333	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	287414	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	545726	20.000	ng	0.00
76) Chrysene-d12	13.980	240	318158	20.000	ng	0.00
86) Perylene-d12	15.451	264	245970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1121997	131.036	ng	0.02
7) Phenol-d6	6.451	99	1392627	130.359	ng	0.00
23) Nitrobenzene-d5	7.369	82	844269	84.626	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	465252	131.285	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1739150	82.566	ng	0.00
79) Terphenyl-d14	12.927	244	2082052	86.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	135513	40.013	ng	100
3) Pyridine	3.434	79	301184	36.722	ng	97
4) n-Nitrosodimethylamine	3.404	42	163480	45.879	ng	99
6) Aniline	6.469	93	417497	38.670	ng	99
8) 2-Chlorophenol	6.592	128	443282	47.422	ng	98
9) Benzaldehyde	6.357	77	127702	20.999	ng	95
10) Phenol	6.463	94	521573	45.882	ng	87
11) bis(2-Chloroethyl)ether	6.545	93	396443	46.787	ng	98
12) 1,3-Dichlorobenzene	6.745	146	451096	42.911	ng	98
13) 1,4-Dichlorobenzene	6.822	146	462616	43.381	ng	99
14) 1,2-Dichlorobenzene	6.969	146	441856	44.063	ng	99
15) Benzyl Alcohol	6.951	79	324683	45.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	497406	45.642	ng	98
17) 2-Methylphenol	7.063	107	360394	47.722	ng	96
18) Hexachloroethane	7.310	117	162222	43.571	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	284032	46.090	ng	98
20) 3+4-Methylphenols	7.216	107	424984	45.338	ng	97
22) Acetophenone	7.216	105	599158	44.988	ng	97
24) Nitrobenzene	7.386	77	424054	42.253	ng	99
25) Isophorone	7.622	82	797799	44.511	ng	99
26) 2-Nitrophenol	7.698	139	231200	46.859	ng	99
27) 2,4-Dimethylphenol	7.739	122	379429	62.367	ng	97
28) bis(2-Chloroethoxy)met...	7.833	93	486761	44.195	ng	100
29) 2,4-Dichlorophenol	7.939	162	363382	45.251	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	399036	42.615	ng	99
31) Naphthalene	8.104	128	1287826	43.300	ng	100
32) Benzoic acid	7.881	122	286955	47.547	ng	98
33) 4-Chloroaniline	8.151	127	380815	35.915	ng	99
34) Hexachlorobutadiene	8.216	225	226489	40.813	ng	99
35) Caprolactam	8.533	113	118722m	48.008	ng	
36) 4-Chloro-3-methylphenol	8.645	107	389967	45.736	ng	97
37) 2-Methylnaphthalene	8.792	142	822539	43.471	ng	97
38) 1-Methylnaphthalene	8.892	142	771114	41.531	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	391266	43.757	ng	98
41) Hexachlorocyclopentadiene	8.945	237	430435	129.934	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	257254	44.184	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	290009	44.629	ng	98
46) 1,1'-Biphenyl	9.263	154	1063390	43.482	ng	99
47) 2-Chloronaphthalene	9.286	162	811415	42.628	ng	100
48) 2-Nitroaniline	9.386	65	232902	45.621	ng	93
49) Acenaphthylene	9.704	152	1216603	44.868	ng	99
50) Dimethylphthalate	9.569	163	940961	44.468	ng	99
51) 2,6-Dinitrotoluene	9.627	165	206603	43.399	ng	93
52) Acenaphthene	9.875	154	755687	43.491	ng	99
53) 3-Nitroaniline	9.798	138	187368	38.543	ng	98
54) 2,4-Dinitrophenol	9.910	184	242793	100.874	ng	92
55) Dibenzofuran	10.045	168	1108362	43.664	ng	99
56) 4-Nitrophenol	9.969	139	333232	91.441	ng	99
57) 2,4-Dinitrotoluene	10.033	165	281804	44.748	ng	94
58) Fluorene	10.392	166	875447	42.964	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	249126	47.861	ng	99
60) Diethylphthalate	10.269	149	917670	44.102	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	430165	43.305	ng	99
62) 4-Nitroaniline	10.422	138	214055	44.345	ng	96
63) Azobenzene	10.545	77	822923	43.451	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	166010	49.119	ng	95
66) n-Nitrosodiphenylamine	10.504	169	788732	45.041	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	276079	43.512	ng	96
68) Hexachlorobenzene	10.939	284	317253	43.262	ng	# 89
69) Atrazine	11.033	200	184075	36.830	ng	99
70) Pentachlorophenol	11.133	266	346875	83.811	ng	99
71) Phenanthrene	11.357	178	1358605	45.294	ng	99
72) Anthracene	11.410	178	1369008	45.313	ng	100
73) Carbazole	11.563	167	1181980	44.203	ng	100
74) Di-n-butylphthalate	11.898	149	1471637	44.893	ng	100
75) Fluoranthene	12.545	202	1381072	43.936	ng	98
77) Benzidine	12.668	184	222691	34.071	ng	98
78) Pyrene	12.774	202	1392879	44.702	ng	99
80) Butylbenzylphthalate	13.404	149	531841	47.948	ng	96
81) Benzo(a)anthracene	13.968	228	995719	44.930	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	325260	52.346	ng	100
83) Chrysene	14.010	228	960875	44.069	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	676405	49.743	ng	100
85) Di-n-octyl phthalate	14.580	149	1048609	52.207	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	863523	50.534	ng	100
88) Benzo(b)fluoranthene	15.021	252	835574	49.685	ng	99
89) Benzo(k)fluoranthene	15.057	252	745706	47.050	ng	99
90) Benzo(a)pyrene	15.392	252	671944	48.381	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	723005	51.646	ng	99
92) Benzo(g,h,i)perylene	17.421	276	719903	50.102	ng	100

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

