

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135949.D
 Acq On : 25 Oct 2023 19:25
 Operator : CG\JU
 Sample : PB156361BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156361BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:32:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	179430	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695491	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	353617	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	641858	20.000	ng	0.00
76) Chrysene-d12	14.010	240	400086	20.000	ng	0.00
86) Perylene-d12	15.486	264	379416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1505875	129.595	ng	0.02
7) Phenol-d6	6.463	99	1885096	130.309	ng	0.00
23) Nitrobenzene-d5	7.393	82	1060238	96.896	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	502849	162.461	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1893680	85.750	ng	0.00
79) Terphenyl-d14	12.957	244	2323749	97.041	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	188659	34.952	ng	99
3) Pyridine	3.463	79	506260	33.981	ng	98
4) n-Nitrosodimethylamine	3.428	42	276358	42.542	ng	99
6) Aniline	6.487	93	658390	33.800	ng	99
8) 2-Chlorophenol	6.610	128	570630	47.437	ng	97
9) Benzaldehyde	6.369	77	91772	11.727	ng	94
10) Phenol	6.475	94	687882m	45.484	ng	
11) bis(2-Chloroethyl)ether	6.563	93	532284	45.217	ng	95
12) 1,3-Dichlorobenzene	6.763	146	578472	45.274	ng	98
13) 1,4-Dichlorobenzene	6.840	146	588516	45.862	ng	98
14) 1,2-Dichlorobenzene	6.993	146	562663	47.218	ng	99
15) Benzyl Alcohol	6.969	79	441319	43.155	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	766076	44.190	ng	99
17) 2-Methylphenol	7.075	107	448509	42.304	ng	99
18) Hexachloroethane	7.334	117	207789	47.620	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	361384	43.930	ng	96
20) 3+4-Methylphenols	7.228	107	540146	42.213	ng	97
22) Acetophenone	7.240	105	731598	46.574	ng	# 90
24) Nitrobenzene	7.410	77	550150	47.778	ng	99
25) Isophorone	7.645	82	1005943	45.758	ng	99
26) 2-Nitrophenol	7.722	139	245383	56.213	ng	98
27) 2,4-Dimethylphenol	7.757	122	431288	43.045	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	615513	45.594	ng	99
29) 2,4-Dichlorophenol	7.957	162	447634	49.892	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	486538	47.894	ng	99
31) Naphthalene	8.128	128	1527633	45.431	ng	100
32) Benzoic acid	7.887	122	292026	55.422	ng	90
33) 4-Chloroaniline	8.175	127	334159	22.484	ng	98
34) Hexachlorobutadiene	8.245	225	269952	47.147	ng	100
35) Caprolactam	8.545	113	154952m	51.898	ng	
36) 4-Chloro-3-methylphenol	8.657	107	472186	49.523	ng	98
37) 2-Methylnaphthalene	8.816	142	965038	43.377	ng	99
38) 1-Methylnaphthalene	8.916	142	941757	45.302	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	440990	44.154	ng	99
41) Hexachlorocyclopentadiene	8.975	237	493703	100.250	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	300316	51.375	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	337422	48.616	ng	96
46) 1,1'-Biphenyl	9.287	154	1206747	45.037	ng	99
47) 2-Chloronaphthalene	9.310	162	928348	46.841	ng	98
48) 2-Nitroaniline	9.404	65	284293	51.615	ng	99
49) Acenaphthylene	9.728	152	1477328	47.249	ng	99
50) Dimethylphthalate	9.592	163	1039847	45.345	ng	100
51) 2,6-Dinitrotoluene	9.651	165	235682	49.415	ng	# 86
52) Acenaphthene	9.898	154	988192m	49.316	ng	
53) 3-Nitroaniline	9.816	138	199790	36.344	ng	93
54) 2,4-Dinitrophenol	9.922	184	190683	92.669	ng	98
55) Dibenzofuran	10.069	168	1306194	45.123	ng	100
56) 4-Nitrophenol	9.981	139	448507	95.641	ng	99
57) 2,4-Dinitrotoluene	10.051	165	315598	52.946	ng	92
58) Fluorene	10.416	166	980227	45.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	287186	54.988	ng	99
60) Diethylphthalate	10.298	149	1002086	45.825	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	459323	43.967	ng	99
62) 4-Nitroaniline	10.439	138	258264	46.059	ng	96
63) Azobenzene	10.569	77	999116	45.022	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127056	56.169	ng	98
66) n-Nitrosodiphenylamine	10.528	169	910563	46.959	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	310555	47.245	ng	99
68) Hexachlorobenzene	10.957	284	354102	50.428	ng	99
69) Atrazine	11.063	200	299015	56.567	ng	99
70) Pentachlorophenol	11.157	266	412767	92.042	ng	99
71) Phenanthrene	11.380	178	1540382	47.435	ng	100
72) Anthracene	11.433	178	1565476	47.082	ng	99
73) Carbazole	11.586	167	1426964	48.109	ng	99
74) Di-n-butylphthalate	11.928	149	1539221	48.767	ng	100
75) Fluoranthene	12.569	202	1624198	47.542	ng	97
77) Benzidine	12.698	184	427604	55.428	ng	99
78) Pyrene	12.804	202	1676468	49.905	ng	99
80) Butylbenzylphthalate	13.433	149	629313	49.444	ng	93
81) Benzo(a)anthracene	13.998	228	1339812	49.251	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	345118	41.699	ng	99
83) Chrysene	14.033	228	1264201	47.714	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	744257	53.878	ng	100
85) Di-n-octyl phthalate	14.621	149	1192310	54.792	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1190942	55.356	ng	100
88) Benzo(b)fluoranthene	15.057	252	1148566	50.867	ng	99
89) Benzo(k)fluoranthene	15.086	252	1046842	47.205	ng	99
90) Benzo(a)pyrene	15.427	252	970637	46.642	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	993824	54.005	ng	99
92) Benzo(g,h,i)perylene	17.457	276	962203	46.145	ng	99

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

