

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133203.D
 Acq On : 03 May 2023 12:58
 Operator : CG\JU
 Sample : PB152548BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152548BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 13:16:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	194406	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	772245	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	416279	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	743010	20.000	ng	0.00
76) Chrysene-d12	13.892	240	500357	20.000	ng	0.00
86) Perylene-d12	15.304	264	440501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1354477	105.248	ng	0.01
7) Phenol-d6	6.381	99	1657998	103.796	ng	0.00
23) Nitrobenzene-d5	7.298	82	992178	69.349	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	425197	101.564	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1763262	70.864	ng	0.00
79) Terphenyl-d14	12.839	244	1892612	65.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	253615	42.487	ng	97
3) Pyridine	3.169	79	620292	39.124	ng	97
4) n-Nitrosodimethylamine	3.134	42	334675	40.754	ng	98
6) Aniline	6.392	93	752833	36.592	ng	# 27
8) 2-Chlorophenol	6.522	128	590615	45.200	ng	94
9) Benzaldehyde	6.275	77	346718	52.133	ng	99
10) Phenol	6.392	94	734500	41.681	ng	# 73
11) bis(2-Chloroethyl)ether	6.469	93	578585	43.754	ng	99
12) 1,3-Dichlorobenzene	6.675	146	639583	46.039	ng	97
13) 1,4-Dichlorobenzene	6.751	146	644786	46.311	ng	97
14) 1,2-Dichlorobenzene	6.904	146	598446	46.622	ng	99
15) Benzyl Alcohol	6.881	79	484596	43.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	949584	41.344	ng	95
17) 2-Methylphenol	6.998	107	508165	42.472	ng	99
18) Hexachloroethane	7.245	117	225410	46.567	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	396189	39.840	ng	97
20) 3+4-Methylphenols	7.151	107	594632	42.201	ng	# 80
22) Acetophenone	7.145	105	811956	45.389	ng	98
24) Nitrobenzene	7.316	77	623645	43.017	ng	97
25) Isophorone	7.557	82	1168004	42.998	ng	98
26) 2-Nitrophenol	7.633	139	344275	49.234	ng	95
27) 2,4-Dimethylphenol	7.681	122	550856	45.941	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	703397	43.771	ng	98
29) 2,4-Dichlorophenol	7.880	162	508909	46.623	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	521589	46.124	ng	99
31) Naphthalene	8.039	128	1695555	43.915	ng	99
32) Benzoic acid	7.810	122	368198m	49.714	ng	
33) 4-Chloroaniline	8.086	127	436248	27.965	ng	98
34) Hexachlorobutadiene	8.157	225	277384	44.257	ng	99
35) Caprolactam	8.469	113	183867m	50.142	ng	
36) 4-Chloro-3-methylphenol	8.575	107	549079	46.647	ng	100
37) 2-Methylnaphthalene	8.728	142	1140722	43.215	ng	99
38) 1-Methylnaphthalene	8.828	142	1063226	43.057	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	457740	40.897	ng	99
41) Hexachlorocyclopentadiene	8.886	237	606360	92.892	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	336891	43.524	ng	99

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44) 2,4,5-Trichlorophenol	9.051	196	352928	39.424	ng	100
46) 1,1'-Biphenyl	9.198	154	1385312	41.968	ng	98
47) 2-Chloronaphthalene	9.216	162	1050920	43.497	ng	98
48) 2-Nitroaniline	9.316	65	343342	42.999	ng	98
49) Acenaphthylene	9.633	152	1652060	42.794	ng	100
50) Dimethylphthalate	9.498	163	1247053	42.963	ng	99
51) 2,6-Dinitrotoluene	9.557	165	292473	44.768	ng	96
52) Acenaphthene	9.804	154	1203285m	46.539	ng	
53) 3-Nitroaniline	9.727	138	262241	33.759	ng	96
54) 2,4-Dinitrophenol	9.833	184	332654	101.300	ng	96
55) Dibenzofuran	9.980	168	1483770	42.070	ng	99
56) 4-Nitrophenol	9.898	139	508834	84.574	ng	93
57) 2,4-Dinitrotoluene	9.963	165	379673	45.571	ng	# 91
58) Fluorene	10.322	166	1081791	41.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	304857	43.927	ng	99
60) Diethylphthalate	10.198	149	1170341	42.686	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	514527	40.860	ng	96
62) 4-Nitroaniline	10.345	138	341349	47.811	ng	94
63) Azobenzene	10.474	77	1188073	40.906	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	223423	49.610	ng	79
66) n-Nitrosodiphenylamine	10.433	169	1012544	42.012	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	333874	41.432	ng	95
68) Hexachlorobenzene	10.869	284	366610	44.398	ng	99
69) Atrazine	10.963	200	352243	50.721	ng	99
70) Pentachlorophenol	11.063	266	427450	72.686	ng	97
71) Phenanthrene	11.280	178	1663371	41.652	ng	100
72) Anthracene	11.327	178	1745398	42.708	ng	100
73) Carbazole	11.486	167	1582876	43.497	ng	99
74) Di-n-butylphthalate	11.821	149	1831325	44.469	ng	99
75) Fluoranthene	12.463	202	1696771	42.336	ng	99
77) Benzidine	12.586	184	1073259	126.843	ng	# 94
78) Pyrene	12.692	202	1737664	40.512	ng	98
80) Butylbenzylphthalate	13.315	149	764370	50.331	ng	99
81) Benzo(a)anthracene	13.880	228	1395267	40.551	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	396758	41.741	ng	99
83) Chrysene	13.915	228	1402042	40.758	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	865937	45.426	ng	99
85) Di-n-octyl phthalate	14.486	149	1599087	51.447	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1129521	45.079	ng	99
88) Benzo(b)fluoranthene	14.904	252	1260660	44.985	ng	99
89) Benzo(k)fluoranthene	14.933	252	1243873	44.776	ng	99
90) Benzo(a)pyrene	15.251	252	1049579	41.147	ng	100
91) Dibenzo(a,h)anthracene	16.703	278	945804	45.257	ng	99
92) Benzo(g,h,i)perylene	17.109	276	941760	45.645	ng	97

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

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