

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136204.D
 Acq On : 25 Nov 2023 05:03
 Operator : CG\JU
 Sample : PB157329BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157329BS

Quant Time: Nov 27 02:17:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	136990	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	613206	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	312983	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	594010	20.000	ng	0.00
76) Chrysene-d12	13.986	240	284132	20.000	ng	0.00
86) Perylene-d12	15.463	264	295664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1374932	159.809	ng	0.02
7) Phenol-d6	6.451	99	1661489	156.937	ng	0.00
23) Nitrobenzene-d5	7.375	82	1007132	91.651	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	515103	157.140	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2121991	100.220	ng	0.00
79) Terphenyl-d14	12.933	244	2292758	114.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	150151	43.582	ng	95
3) Pyridine	3.410	79	329751	35.621	ng	96
4) n-Nitrosodimethylamine	3.381	42	215394	50.727	ng	96
6) Aniline	6.475	93	502764	37.468	ng	98
8) 2-Chlorophenol	6.593	128	505346	54.563	ng	96
10) Phenol	6.463	94	624200	53.987	ng	90
11) bis(2-Chloroethyl)ether	6.551	93	453339	53.349	ng	97
12) 1,3-Dichlorobenzene	6.751	146	541613	55.438	ng	93
13) 1,4-Dichlorobenzene	6.828	146	549055	56.047	ng	95
14) 1,2-Dichlorobenzene	6.975	146	514464	55.872	ng	95
15) Benzyl Alcohol	6.951	79	327249m	41.329	ng	
16) 2,2'-oxybis(1-Chloropr...	7.087	45	634027	57.113	ng	97
17) 2-Methylphenol	7.063	107	406512	52.605	ng	94
18) Hexachloroethane	7.316	117	191397	53.537	ng	96
19) n-Nitroso-di-n-propyla...	7.228	70	351335	57.489	ng	96
20) 3+4-Methylphenols	7.216	107	519145	53.831	ng	96
22) Acetophenone	7.222	105	737968	52.125	ng	95
24) Nitrobenzene	7.393	77	512344	47.909	ng	95
25) Isophorone	7.628	82	946811	49.927	ng	95
26) 2-Nitrophenol	7.704	139	235823	45.498	ng	99
27) 2,4-Dimethylphenol	7.745	122	444926	51.104	ng	92
28) bis(2-Chloroethoxy)met...	7.840	93	569267	49.776	ng	92
29) 2,4-Dichlorophenol	7.945	162	401133	47.253	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	471811	49.917	ng	95
31) Naphthalene	8.110	128	1514275	50.130	ng	96
32) Benzoic acid	7.875	122	250358	39.864	ng	91
33) 4-Chloroaniline	8.157	127	419819	33.508	ng	96
34) Hexachlorobutadiene	8.228	225	263811	45.913	ng	97
35) Caprolactam	8.528	113	133537m	54.330	ng	
36) 4-Chloro-3-methylphenol	8.645	107	434873	48.792	ng	98
37) 2-Methylnaphthalene	8.798	142	957926	47.298	ng	90
38) 1-Methylnaphthalene	8.898	142	876963	46.670	ng	87
40) 1,2,4,5-Tetrachloroben...	8.969	216	458038	48.831	ng	98
41) Hexachlorocyclopentadiene	8.951	237	562246	116.236	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	264481	45.029	ng	96
44) 2,4,5-Trichlorophenol	9.128	196	331721	49.025	ng	95

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46) 1,1'-Biphenyl	9.269	154	1257778	51.214	ng	96
47) 2-Chloronaphthalene	9.292	162	950938	52.973	ng	94
48) 2-Nitroaniline	9.386	65	275988	50.425	ng	86
49) Acenaphthylene	9.704	152	1446202	52.192	ng	96
50) Dimethylphthalate	9.575	163	1100320	52.033	ng	97
51) 2,6-Dinitrotoluene	9.634	165	219800	47.900	ng	99
52) Acenaphthene	9.881	154	885149	47.961	ng	87
53) 3-Nitroaniline	9.804	138	191900	39.223	ng	99
54) 2,4-Dinitrophenol	9.910	184	220411	97.119	ng	96
55) Dibenzofuran	10.051	168	1319357	51.417	ng	99
56) 4-Nitrophenol	9.969	139	312161	96.015	ng	95
57) 2,4-Dinitrotoluene	10.039	165	305848	52.479	ng	94
58) Fluorene	10.398	166	1025079	52.636	ng	91
59) 2,3,4,6-Tetrachlorophenol	10.169	232	267706	52.202	ng	95
60) Diethylphthalate	10.275	149	1096201	51.671	ng	95
61) 4-Chlorophenyl-phenyle...	10.392	204	493833	49.882	ng	91
62) 4-Nitroaniline	10.422	138	220277	49.402	ng	92
63) Azobenzene	10.551	77	1018123	54.850	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	153421	45.179	ng	99
66) n-Nitrosodiphenylamine	10.510	169	889607	47.206	ng	93
67) 4-Bromophenyl-phenylether	10.881	248	310530	46.939	ng	93
68) Hexachlorobenzene	10.939	284	356184	50.712	ng	98
69) Atrazine	11.039	200	167901	35.168	ng	98
70) Pentachlorophenol	11.139	266	358274	91.204	ng	98
71) Phenanthrene	11.363	178	1574624m	51.766	ng	
72) Anthracene	11.416	178	1616951	52.076	ng	97
73) Carbazole	11.569	167	1305004	52.451	ng	97
74) Di-n-butylphthalate	11.904	149	1673035	56.841	ng	96
75) Fluoranthene	12.551	202	1486997	53.531	ng	96
77) Benzidine	12.680	184	241673	49.121	ng	96
78) Pyrene	12.780	202	1462834	55.057	ng	95
80) Butylbenzylphthalate	13.410	149	479635	56.652	ng	95
81) Benzo(a)anthracene	13.974	228	993038	52.692	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	312116	51.589	ng	94
83) Chrysene	14.010	228	941892	51.085	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	604158	59.122	ng	95
85) Di-n-octyl phthalate	14.592	149	966221	56.474	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1117324	51.577	ng	97
88) Benzo(b)fluoranthene	15.027	252	958677	58.729	ng	96
89) Benzo(k)fluoranthene	15.063	252	929244	56.530	ng	96
90) Benzo(a)pyrene	15.404	252	831106	51.620	ng	96
91) Dibenzo(a,h)anthracene	16.998	278	904275	50.367	ng	98
92) Benzo(g,h,i)perylene	17.439	276	874948	48.068	ng	95

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

