

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135372.D
 Acq On : 21 Sep 2023 10:52
 Operator : CG\JU
 Sample : PB155710BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BS

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 09/22/2023

Supervised By :mohammad
 ahmed
 09/27/2023

Quant Time: Sep 21 11:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	150088	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	570727	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	272813	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	506197	20.000	ng	0.00
76) Chrysene-d12	13.951	240	275945	20.000	ng	0.00
86) Perylene-d12	15.415	264	275095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1115369	120.868	ng	0.02
7) Phenol-d6	6.410	99	1403049	119.572	ng	0.00
23) Nitrobenzene-d5	7.328	82	920539	87.629	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	308209	113.684	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1471628	81.385	ng	0.00
79) Terphenyl-d14	12.886	244	1443050	81.067	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	171661	42.434	ng	94
3) Pyridine	3.310	79	451018	41.425	ng	97
4) n-Nitrosodimethylamine	3.275	42	274246	47.467	ng	96
6) Aniline	6.428	93	434813	28.258	ng	# 58
8) 2-Chlorophenol	6.545	128	460306	46.727	ng	99
9) Benzaldehyde	6.316	77	173880	26.012	ng	99
10) Phenol	6.422	94	508441	39.516	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	447934	46.411	ng	97
12) 1,3-Dichlorobenzene	6.698	146	453760	45.324	ng	99
13) 1,4-Dichlorobenzene	6.775	146	453461	44.520	ng	99
14) 1,2-Dichlorobenzene	6.928	146	426796	45.121	ng	97
15) Benzyl Alcohol	6.910	79	361591	42.944	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	835380	45.920	ng	83
17) 2-Methylphenol	7.022	107	364714	41.955	ng	96
18) Hexachloroethane	7.263	117	174530	46.375	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	287033	39.493	ng	96
20) 3+4-Methylphenols	7.181	107	408902	39.118	ng	# 80
22) Acetophenone	7.169	105	572626	43.885	ng	# 94
24) Nitrobenzene	7.345	77	469944	45.261	ng	99
25) Isophorone	7.587	82	881742	45.710	ng	99
26) 2-Nitrophenol	7.663	139	240249	48.211	ng	91
27) 2,4-Dimethylphenol	7.704	122	393661	46.997	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	544971	47.202	ng	99
29) 2,4-Dichlorophenol	7.904	162	353773	45.580	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	374176	46.122	ng	99
31) Naphthalene	8.063	128	1240019	44.718	ng	100
32) Benzoic acid	7.845	122	283856	45.003	ng	99
33) 4-Chloroaniline	8.116	127	272278	22.380	ng	99
34) Hexachlorobutadiene	8.175	225	213685	43.682	ng	99
35) Caprolactam	8.492	113	118848m	45.624	ng	
36) 4-Chloro-3-methylphenol	8.610	107	378032	43.822	ng	96
37) 2-Methylnaphthalene	8.751	142	777502	41.712	ng	97
38) 1-Methylnaphthalene	8.851	142	730992	41.887	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	363671	46.013	ng	99
41) Hexachlorocyclopentadiene	8.904	237	254935	73.831	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234832	45.380	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	256401	43.025	ng	98
46) 1,1'-Biphenyl	9.222	154	939330	44.804	ng	98
47) 2-Chloronaphthalene	9.245	162	708280	46.562	ng	98
48) 2-Nitroaniline	9.351	65	276571	46.800	ng	94
49) Acenaphthylene	9.663	152	1099561	43.495	ng	100
50) Dimethylphthalate	9.528	163	818678	44.385	ng	99
51) 2,6-Dinitrotoluene	9.592	165	183363	45.379	ng	95
52) Acenaphthene	9.833	154	673710	45.112	ng	96
53) 3-Nitroaniline	9.763	138	150290	31.686	ng	97
54) 2,4-Dinitrophenol	9.881	184	184798	80.518	ng	95
55) Dibenzofuran	10.004	168	940765	41.281	ng	97
56) 4-Nitrophenol	9.945	139	257277	85.347	ng	95
57) 2,4-Dinitrotoluene	10.004	165	211318	41.774	ng	# 83
58) Fluorene	10.351	166	744909	42.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	206772	45.105	ng	98
60) Diethylphthalate	10.228	149	812388	43.886	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	347612	41.304	ng	97
62) 4-Nitroaniline	10.386	138	213975	46.932	ng	94
63) Azobenzene	10.504	77	828709	45.743	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	135963	50.571	ng	95
66) n-Nitrosodiphenylamine	10.463	169	700018	45.678	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	223974	44.488	ng	97
68) Hexachlorobenzene	10.898	284	236012	46.015	ng	# 88
69) Atrazine	10.998	200	223595	54.224	ng	98
70) Pentachlorophenol	11.098	266	219801	71.627	ng	98
71) Phenanthrene	11.316	178	1098272	45.874	ng	99
72) Anthracene	11.369	178	1114551	45.291	ng	100
73) Carbazole	11.528	167	1090323	48.671	ng	99
74) Di-n-butylphthalate	11.857	149	1268424	48.052	ng	99
75) Fluoranthene	12.510	202	1167134	46.786	ng	99
77) Benzidine	12.639	184	316594	56.002	ng	99
78) Pyrene	12.739	202	1185697	45.131	ng	100
80) Butylbenzylphthalate	13.363	149	469110	50.715	ng	94
81) Benzo(a)anthracene	13.939	228	825692	46.339	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	205039	36.840	ng	99
83) Chrysene	13.974	228	823570	46.488	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	543163	57.223	ng	100
85) Di-n-octyl phthalate	14.545	149	889179	58.946	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	878519	48.706	ng	95
88) Benzo(b)fluoranthene	14.986	252	784011	52.647	ng	# 96
89) Benzo(k)fluoranthene	15.015	252	684006	46.498	ng	# 97
90) Benzo(a)pyrene	15.357	252	673024	47.391	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	718324	48.673	ng	97
92) Benzo(g,h,i)perylene	17.351	276	767936	49.824	ng	# 95

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

