

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135248.D
 Acq On : 14 Sep 2023 11:59
 Operator : CG\JU
 Sample : PB155361BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/15/2023
 Supervised By :mohammad
 ahmed

Quant Time: Sep 15 01:05:48 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	6.763	152	123148	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482417	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	251304	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	484029	20.000	ng	0.00
76) Chrysene-d12	13.951	240	241201	20.000	ng	0.00
86) Perylene-d12	15.415	264	234256	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	969722	128.074	ng	0.02
7) Phenol-d6	6.416	99	1245947	129.412	ng	0.01
23) Nitrobenzene-d5	7.333	82	794073	89.428	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	332758	133.244	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1393127	83.637	ng	0.00
79) Terphenyl-d14	12.898	244	1496061	96.151	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	124663	37.558	ng	97
3) Pyridine	3.345	79	322905	36.146	ng	96
4) n-Nitrosodimethylamine	3.304	42	217855	45.956	ng	99
6) Aniline	6.434	93	404826	32.065	ng	# 69
8) 2-Chlorophenol	6.551	128	388863	48.110	ng	98
9) Benzaldehyde	6.316	77	139818	25.492	ng	95
10) Phenol	6.428	94	446943	42.335	ng	83
11) bis(2-Chloroethyl)ether	6.510	93	357876	45.192	ng	99
12) 1,3-Dichlorobenzene	6.704	146	376318	45.812	ng	98
13) 1,4-Dichlorobenzene	6.781	146	381906	45.697	ng	98
14) 1,2-Dichlorobenzene	6.934	146	362298	46.681	ng	98
15) Benzyl Alcohol	6.916	79	329772	47.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	673631	45.129	ng	98
17) 2-Methylphenol	7.028	107	313984	44.020	ng	97
18) Hexachloroethane	7.269	117	143467	46.460	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	254864	42.738	ng	98
20) 3+4-Methylphenols	7.181	107	360157	41.992	ng	94
22) Acetophenone	7.181	105	499579	45.296	ng	96
24) Nitrobenzene	7.351	77	396142	45.137	ng	99
25) Isophorone	7.592	82	742795	45.556	ng	99
26) 2-Nitrophenol	7.669	139	205637	48.819	ng	92
27) 2,4-Dimethylphenol	7.710	122	343717	48.546	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	455162	46.640	ng	99
29) 2,4-Dichlorophenol	7.910	162	309118	47.117	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	323184	47.129	ng	99
31) Naphthalene	8.069	128	1059833	45.216	ng	99
32) Benzoic acid	7.857	122	266018	49.896	ng	97
33) 4-Chloroaniline	8.122	127	178237	17.332	ng	98
34) Hexachlorobutadiene	8.180	225	191263	46.256	ng	99
35) Caprolactam	8.504	113	110815m	50.328	ng	
36) 4-Chloro-3-methylphenol	8.610	107	347217	47.618	ng	99
37) 2-Methylnaphthalene	8.763	142	687849	43.657	ng	100
38) 1-Methylnaphthalene	8.857	142	639976	43.385	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	328328	45.097	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273731	84.836	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	225395	47.284	ng	98

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44) 2,4,5-Trichlorophenol	9.092	196	241664	44.023	ng	97
46) 1,1'-Biphenyl	9.227	154	865654	44.824	ng	99
47) 2-Chloronaphthalene	9.251	162	643976	45.958	ng	98
48) 2-Nitroaniline	9.357	65	248863	45.716	ng	98
49) Acenaphthylene	9.669	152	1016568	43.653	ng	100
50) Dimethylphthalate	9.539	163	788940	46.434	ng	99
51) 2,6-Dinitrotoluene	9.598	165	172634	46.381	ng	97
52) Acenaphthene	9.839	154	621746	45.195	ng	96
53) 3-Nitroaniline	9.769	138	132478	30.321	ng	97
54) 2,4-Dinitrophenol	9.886	184	191566	89.827	ng	95
55) Dibenzofuran	10.016	168	913044	43.493	ng	100
56) 4-Nitrophenol	9.945	139	262782	94.635	ng	97
57) 2,4-Dinitrotoluene	10.010	165	208395	44.722	ng	86
58) Fluorene	10.357	166	711541	44.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204447	48.415	ng	99
60) Diethylphthalate	10.239	149	780468	45.771	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	339537	43.798	ng	94
62) 4-Nitroaniline	10.392	138	193601	46.098	ng	98
63) Azobenzene	10.510	77	761326	45.620	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	132848	51.675	ng	92
66) n-Nitrosodiphenylamine	10.474	169	668423	45.614	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	223105	46.345	ng	95
68) Hexachlorobenzene	10.904	284	241971	49.338	ng	# 91
69) Atrazine	11.010	200	220701	55.974	ng	100
70) Pentachlorophenol	11.104	266	253158	86.276	ng	97
71) Phenanthrene	11.321	178	1061544	46.371	ng	99
72) Anthracene	11.374	178	1068012	45.387	ng	99
73) Carbazole	11.533	167	1018574	47.551	ng	99
74) Di-n-butylphthalate	11.868	149	1247074	49.406	ng	100
75) Fluoranthene	12.515	202	1131367	47.429	ng	100
77) Benzidine	12.639	184	332794	67.348	ng	99
78) Pyrene	12.745	202	1126890	49.072	ng	100
80) Butylbenzylphthalate	13.374	149	447532	55.351	ng	98
81) Benzo(a)anthracene	13.945	228	718046	46.102	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	174902	35.952	ng	98
83) Chrysene	13.980	228	709425	45.813	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	524100	63.168	ng	99
85) Di-n-octyl phthalate	14.551	149	808176	61.293	ng	100
87) Indeno(1,2,3-cd)pyrene	16.903	276	762508	49.644	ng	99
88) Benzo(b)fluoranthene	14.992	252	632291	49.861	ng	100
89) Benzo(k)fluoranthene	15.021	252	628329	50.159	ng	99
90) Benzo(a)pyrene	15.356	252	571011	47.218	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	620866	49.403	ng	98
92) Benzo(g,h,i)perylene	17.350	276	630844	48.065	ng	99

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

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