

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130408.D
 Acq On : 26 Sep 2022 14:57
 Operator : CG\JU
 Sample : PB147858BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147858BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:05:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	116403	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	450166	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	242356	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	415661	20.000	ng	0.00
76) Chrysene-d12	13.804	240	240490	20.000	ng	0.00
86) Perylene-d12	15.198	264	205838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	657030	97.901	ng	0.02
7) Phenol-d6	6.298	99	794054	94.561	ng	0.00
23) Nitrobenzene-d5	7.228	82	743492	84.378	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	256972	110.657	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1469368	88.287	ng	0.00
79) Terphenyl-d14	12.763	244	1531283	105.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	105182	34.126	ng	96
3) Pyridine	3.046	79	285155	35.466	ng	93
4) n-Nitrosodimethylamine	3.010	42	164951	37.721	ng	91
6) Aniline	6.316	93	427198	41.289	ng	# 52
8) 2-Chlorophenol	6.440	128	371296	48.568	ng	92
9) Benzaldehyde	6.198	77	203301	36.143	ng	95
10) Phenol	6.310	94	442288	44.945	ng	78
11) bis(2-Chloroethyl)ether	6.398	93	328013	46.212	ng	90
12) 1,3-Dichlorobenzene	6.593	146	397617	47.268	ng	97
13) 1,4-Dichlorobenzene	6.669	146	402938	46.972	ng	99
14) 1,2-Dichlorobenzene	6.822	146	381652	47.627	ng	97
15) Benzyl Alcohol	6.810	79	245906	36.935	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.934	45	407801	39.392	ng	79
17) 2-Methylphenol	6.922	107	308342	49.616	ng	97
18) Hexachloroethane	7.163	117	153085	45.273	ng	95
19) n-Nitroso-di-n-propyla...	7.081	70	245296	43.291	ng	90
20) 3+4-Methylphenols	7.075	107	374211	46.353	ng	# 81
22) Acetophenone	7.069	105	518619	47.122	ng	# 91
24) Nitrobenzene	7.245	77	379246	42.387	ng	90
25) Isophorone	7.481	82	665745	46.877	ng	97
26) 2-Nitrophenol	7.557	139	197161	53.756	ng	90
27) 2,4-Dimethylphenol	7.604	122	297828	52.738	ng	97
28) bis(2-Chloroethoxy)met...	7.698	93	396685	49.604	ng	99
29) 2,4-Dichlorophenol	7.804	162	303005	48.962	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	319744	47.789	ng	95
31) Naphthalene	7.957	128	1064395	45.895	ng	99
32) Benzoic acid	7.757	122	205045	46.951	ng	88
33) 4-Chloroaniline	8.016	127	289890	32.865	ng	# 94
34) Hexachlorobutadiene	8.075	225	203702	47.638	ng	99
35) Caprolactam	8.398	113	96810m	54.567	ng	
36) 4-Chloro-3-methylphenol	8.510	107	337894	49.259	ng	99
37) 2-Methylnaphthalene	8.651	142	694544	46.970	ng	99
38) 1-Methylnaphthalene	8.751	142	653666	46.016	ng	100
40) 1,2,4,5-Tetrachloroben...	8.816	216	324965	49.133	ng	99
41) Hexachlorocyclopentadiene	8.804	237	407120	114.970	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	220150	47.693	ng	96

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44) 2,4,5-Trichlorophenol	8.975	196	238207	47.822	ng	97
46) 1,1'-Biphenyl	9.116	154	853760	47.168	ng	99
47) 2-Chloronaphthalene	9.139	162	668450	45.653	ng	98
48) 2-Nitroaniline	9.239	65	204430	41.861	ng	95
49) Acenaphthylene	9.551	152	1002336	45.658	ng	100
50) Dimethylphthalate	9.428	163	788275	47.087	ng	99
51) 2,6-Dinitrotoluene	9.486	165	176956	50.542	ng	# 83
52) Acenaphthene	9.728	154	742486m	51.476	ng	
53) 3-Nitroaniline	9.651	138	127073	32.572	ng	96
54) 2,4-Dinitrophenol	9.763	184	195564	101.173	ng	88
55) Dibenzofuran	9.898	168	915730	45.643	ng	98
56) 4-Nitrophenol	9.834	139	264175	92.970	ng	87
57) 2,4-Dinitrotoluene	9.892	165	235599	52.653	ng	87
58) Fluorene	10.239	166	741617	45.199	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.016	232	194566	49.904	ng	92
60) Diethylphthalate	10.122	149	771433	45.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	350676	48.720	ng	96
62) 4-Nitroaniline	10.275	138	180000	45.928	ng	88
63) Azobenzene	10.392	77	700209	40.506	ng	97
65) 4,6-Dinitro-2-methylph...	10.298	198	122507	52.945	ng	79
66) n-Nitrosodiphenylamine	10.357	169	641938	46.215	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	226430	49.381	ng	96
68) Hexachlorobenzene	10.781	284	264997	50.982	ng	97
69) Atrazine	10.886	200	218190	53.752	ng	96
70) Pentachlorophenol	10.980	266	270542	96.981	ng	99
71) Phenanthrene	11.198	178	1064034	45.594	ng	99
72) Anthracene	11.251	178	1070023	47.513	ng	99
73) Carbazole	11.410	167	961528	47.309	ng	98
74) Di-n-butylphthalate	11.745	149	1161863	47.405	ng	98
75) Fluoranthene	12.380	202	1063894	47.178	ng	99
77) Benzidine	12.516	184	531149	76.083	ng	98
78) Pyrene	12.610	202	1038261	49.351	ng	100
80) Butylbenzylphthalate	13.239	149	393264	50.459	ng	91
81) Benzo(a)anthracene	13.798	228	757626	47.356	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	198290	45.532	ng	99
83) Chrysene	13.833	228	693751	45.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	449609	50.363	ng	# 97
85) Di-n-octyl phthalate	14.410	149	651473	47.712	ng	95
87) Indeno(1,2,3-cd)pyrene	16.527	276	693026	47.478	ng	98
88) Benzo(b)fluoranthene	14.810	252	673347	50.119	ng	99
89) Benzo(k)fluoranthene	14.839	252	617975m	46.760	ng	
90) Benzo(a)pyrene	15.145	252	564300	53.017	ng	# 96
91) Dibenzo(a,h)anthracene	16.545	278	597362	49.886	ng	97
92) Benzo(g,h,i)perylene	16.933	276	598852	49.646	ng	100

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

