

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135256.D
 Acq On : 14 Sep 2023 16:12
 Operator : CG\JU
 Sample : PB154922BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154922BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/15/2023
 Supervised By :mohammad
 ahmed

Quant Time: Sep 15 01:23:05 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	124880	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482722	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	232739	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	489559	20.000	ng	0.00
76) Chrysene-d12	13.951	240	253636	20.000	ng	0.00
86) Perylene-d12	15.415	264	233794	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	980612	127.716	ng	0.02
7) Phenol-d6	6.416	99	1251139	128.149	ng	0.01
23) Nitrobenzene-d5	7.334	82	806302	90.748	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	332550	143.783	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1396369	90.519	ng	0.00
79) Terphenyl-d14	12.892	244	1547542	94.584	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	127231	37.800	ng	98
3) Pyridine	3.340	79	309538	34.169	ng	97
4) n-Nitrosodimethylamine	3.304	42	201532	41.923	ng	98
6) Aniline	6.434	93	409470	31.983	ng	# 71
8) 2-Chlorophenol	6.551	128	392840	47.928	ng	100
9) Benzaldehyde	6.316	77	143227	25.752	ng	97
10) Phenol	6.428	94	450434	42.074	ng	84
11) bis(2-Chloroethyl)ether	6.510	93	364560	45.397	ng	99
12) 1,3-Dichlorobenzene	6.704	146	382889	45.966	ng	99
13) 1,4-Dichlorobenzene	6.781	146	388516	45.843	ng	99
14) 1,2-Dichlorobenzene	6.934	146	365945	46.497	ng	98
15) Benzyl Alcohol	6.916	79	323523	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	680543	44.960	ng	97
17) 2-Methylphenol	7.028	107	309671	42.814	ng	97
18) Hexachloroethane	7.269	117	144230	46.059	ng	92
19) n-Nitroso-di-n-propyla...	7.187	70	259478	42.908	ng	95
20) 3+4-Methylphenols	7.181	107	364362	41.893	ng	95
22) Acetophenone	7.181	105	509911	46.203	ng	# 99
24) Nitrobenzene	7.351	77	402004	45.776	ng	98
25) Isophorone	7.592	82	757437	46.425	ng	100
26) 2-Nitrophenol	7.669	139	203471	48.274	ng	94
27) 2,4-Dimethylphenol	7.710	122	346016	48.840	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	458985	47.002	ng	99
29) 2,4-Dichlorophenol	7.910	162	315611	48.076	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	328973	47.943	ng	99
31) Naphthalene	8.069	128	1071294	45.676	ng	99
32) Benzoic acid	7.857	122	266918	50.033	ng	97
33) 4-Chloroaniline	8.122	127	176297	17.132	ng	96
34) Hexachlorobutadiene	8.181	225	190907	46.141	ng	99
35) Caprolactam	8.504	113	111441m	50.580	ng	
36) 4-Chloro-3-methylphenol	8.616	107	353023	48.384	ng	98
37) 2-Methylnaphthalene	8.763	142	693845	44.010	ng	97
38) 1-Methylnaphthalene	8.857	142	642126	43.503	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	324115	48.069	ng	99
41) Hexachlorocyclopentadiene	8.910	237	278762	92.551	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	221859	50.255	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	246786	48.542	ng	97
46) 1,1'-Biphenyl	9.228	154	868967	48.585	ng	99
47) 2-Chloronaphthalene	9.251	162	644920	49.697	ng	97
48) 2-Nitroaniline	9.351	65	251306	49.847	ng	95
49) Acenaphthylene	9.669	152	982275	45.545	ng	99
50) Dimethylphthalate	9.533	163	784434	49.851	ng	100
51) 2,6-Dinitrotoluene	9.598	165	167703	48.650	ng	93
52) Acenaphthene	9.839	154	591387	46.418	ng	99
53) 3-Nitroaniline	9.769	138	132544	32.756	ng	94
54) 2,4-Dinitrophenol	9.886	184	185848	93.801	ng	91
55) Dibenzofuran	10.016	168	895275	46.049	ng	100
56) 4-Nitrophenol	9.945	139	259134	100.765	ng	99
57) 2,4-Dinitrotoluene	10.010	165	207004	47.968	ng	88
58) Fluorene	10.357	166	715856	47.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204780	52.362	ng	99
60) Diethylphthalate	10.239	149	755853	47.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	339556	47.294	ng	93
62) 4-Nitroaniline	10.392	138	195894	50.364	ng	99
63) Azobenzene	10.510	77	767098	49.633	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	130835	50.317	ng	90
66) n-Nitrosodiphenylamine	10.475	169	673585	45.447	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	221836	45.561	ng	95
68) Hexachlorobenzene	10.904	284	239511	48.284	ng	93
69) Atrazine	11.010	200	226087	56.692	ng	99
70) Pentachlorophenol	11.104	266	255159	85.975	ng	99
71) Phenanthrene	11.322	178	1065773	46.030	ng	99
72) Anthracene	11.375	178	1080508	45.400	ng	100
73) Carbazole	11.533	167	1029903	47.536	ng	99
74) Di-n-butylphthalate	11.869	149	1256453	49.216	ng	100
75) Fluoranthene	12.516	202	1144164	47.424	ng	99
77) Benzidine	12.639	184	339630	65.361	ng	99
78) Pyrene	12.745	202	1151892	47.701	ng	100
80) Butylbenzylphthalate	13.374	149	482571	56.759	ng	99
81) Benzo(a)anthracene	13.945	228	766155	46.780	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	177438	34.685	ng	# 98
83) Chrysene	13.980	228	753728	46.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	554355	63.539	ng	99
85) Di-n-octyl phthalate	14.551	149	855183	61.678	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	767840	50.090	ng	99
88) Benzo(b)fluoranthene	14.992	252	643155	50.818	ng	99
89) Benzo(k)fluoranthene	15.021	252	637400	50.984	ng	99
90) Benzo(a)pyrene	15.357	252	576458	47.762	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	623329	49.697	ng	97
92) Benzo(g,h,i)perylene	17.351	276	631375	48.200	ng	99

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

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