

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134104.D
 Acq On : 06 Jul 2023 18:52
 Operator : CG\JU
 Sample : PB153909BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153909BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 01:31:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108650	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	418138	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	211026	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	407698	20.000	ng	0.00
76) Chrysene-d12	14.045	240	249412	20.000	ng	0.00
86) Perylene-d12	15.539	264	205752	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	756473	116.466	ng	0.00
7) Phenol-d6	6.492	99	906811	113.524	ng	0.00
23) Nitrobenzene-d5	7.416	82	618757	79.769	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308973	116.777	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1132029	77.993	ng	0.00
79) Terphenyl-d14	12.980	244	1311796	84.648	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	111619	41.677	ng	99
3) Pyridine	3.504	79	237614	34.062	ng	95
4) n-Nitrosodimethylamine	3.469	42	180258	45.243	ng	91
6) Aniline	6.510	93	236047	24.284	ng	# 69
8) 2-Chlorophenol	6.634	128	302396	45.863	ng	98
9) Benzaldehyde	6.398	77	37319	6.171	ng	98
10) Phenol	6.504	94	355445	42.322	ng	89
11) bis(2-Chloroethyl)ether	6.586	93	271291	43.875	ng	96
12) 1,3-Dichlorobenzene	6.786	146	314421	44.730	ng	100
13) 1,4-Dichlorobenzene	6.863	146	320735	45.174	ng	98
14) 1,2-Dichlorobenzene	7.016	146	301296	45.311	ng	99
15) Benzyl Alcohol	6.992	79	272116	44.190	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	449965	41.134	ng	96
17) 2-Methylphenol	7.104	107	248344	42.062	ng	97
18) Hexachloroethane	7.351	117	121957	46.326	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	208988	41.256	ng	98
20) 3+4-Methylphenols	7.257	107	299607	41.828	ng	92
22) Acetophenone	7.257	105	425135	44.706	ng	97
24) Nitrobenzene	7.433	77	327521	41.783	ng	97
25) Isophorone	7.669	82	569949	40.429	ng	98
26) 2-Nitrophenol	7.745	139	163141	43.385	ng	94
27) 2,4-Dimethylphenol	7.786	122	262075	44.030	ng	98
28) bis(2-Chloroethoxy)met...	7.880	93	329053	40.311	ng	100
29) 2,4-Dichlorophenol	7.986	162	246292	41.728	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	260439	42.763	ng	98
31) Naphthalene	8.151	128	812039	40.205	ng	99
32) Benzoic acid	7.922	122	200621	44.980	ng	98
33) 4-Chloroaniline	8.198	127	87273	10.101	ng	96
34) Hexachlorobutadiene	8.263	225	165429	43.061	ng	99
35) Caprolactam	8.575	113	84881m	43.676	ng	
36) 4-Chloro-3-methylphenol	8.686	107	285718	43.090	ng	95
37) 2-Methylnaphthalene	8.839	142	555449	38.890	ng	99
38) 1-Methylnaphthalene	8.939	142	517105	38.945	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	268096	42.882	ng	98
41) Hexachlorocyclopentadiene	8.992	237	269724	90.937	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	177682	41.749	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	192388	38.430	ng	98
46) 1,1'-Biphenyl	9.310	154	708710	41.867	ng	98
47) 2-Chloronaphthalene	9.333	162	523589	42.275	ng	97
48) 2-Nitroaniline	9.433	65	188719	41.809	ng	99
49) Acenaphthylene	9.751	152	845380	39.957	ng	99
50) Dimethylphthalate	9.610	163	627248	40.947	ng	99
51) 2,6-Dinitrotoluene	9.674	165	138186	41.883	ng	# 86
52) Acenaphthene	9.922	154	497466	40.521	ng	99
53) 3-Nitroaniline	9.845	138	91728	23.175	ng	96
54) 2,4-Dinitrophenol	9.957	184	167366	87.459	ng	89
55) Dibenzofuran	10.098	168	769108	40.086	ng	100
56) 4-Nitrophenol	10.016	139	220571	79.667	ng	89
57) 2,4-Dinitrotoluene	10.086	165	184127	42.258	ng	89
58) Fluorene	10.439	166	605381	40.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	163310m	41.356	ng	
60) Diethylphthalate	10.316	149	644936	40.411	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	289414	40.233	ng	93
62) 4-Nitroaniline	10.469	138	150332	37.687	ng	92
63) Azobenzene	10.592	77	595509	39.447	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	108747	48.925	ng	95
66) n-Nitrosodiphenylamine	10.551	169	533727	40.974	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	178143	41.110	ng	94
68) Hexachlorobenzene	10.986	284	204984	44.552	ng	96
69) Atrazine	11.080	200	148368	41.178	ng	98
70) Pentachlorophenol	11.186	266	211176	76.763	ng	97
71) Phenanthrene	11.410	178	863005	42.048	ng	99
72) Anthracene	11.457	178	881140	41.276	ng	100
73) Carbazole	11.616	167	846090	43.301	ng	99
74) Di-n-butylphthalate	11.945	149	977734	42.078	ng	99
75) Fluoranthene	12.604	202	930249	41.925	ng	97
77) Benzidine	12.727	184	139211	23.458	ng	99
78) Pyrene	12.833	202	950419	40.947	ng	99
80) Butylbenzylphthalate	13.457	149	374580	43.029	ng	99
81) Benzo(a)anthracene	14.033	228	736026	42.552	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	166602	30.401	ng	99
83) Chrysene	14.068	228	692718	41.348	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	439372	43.925	ng	99
85) Di-n-octyl phthalate	14.639	149	634086	43.141	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	657470	46.051	ng	97
88) Benzo(b)fluoranthene	15.098	252	597305	49.371	ng	99
89) Benzo(k)fluoranthene	15.133	252	558707m	45.357	ng	
90) Benzo(a)pyrene	15.480	252	504751	43.145	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	550317	47.191	ng	96
92) Benzo(g,h,i)perylene	17.562	276	550422	45.770	ng	98

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

