

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132712.D
 Acq On : 09 Mar 2023 11:47
 Operator : CG\JU
 Sample : PB151303BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151303BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

03/10/2023
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 09 12:25:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	250353	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	945632	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	501324	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	927813	20.000	ng	0.00
76) Chrysene-d12	14.186	240	529596	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	481489	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1382159	89.602	ng	0.02
7) Phenol-d6	6.622	99	1794714	89.148	ng	0.00
23) Nitrobenzene-d5	7.551	82	1222301	61.325	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	507414	93.721	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2029683	61.647	ng	0.00
79) Terphenyl-d14	13.115	244	2186635	69.809	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.957	88	315721	37.001	ng 98
3) Pyridine	3.704	79	813100	35.899	ng 98
4) n-Nitrosodimethylamine	3.675	42	332764	38.896	ng 96
6) Aniline	6.645	93	874937	32.294	ng 96
8) 2-Chlorophenol	6.775	128	667253	41.678	ng 98
9) Benzaldehyde	6.534	77	392436	36.126	ng 99
10) Phenol	6.639	94	899650	38.979	ng 87
11) bis(2-Chloroethyl)ether	6.716	93	737366	41.384	ng 97
12) 1,3-Dichlorobenzene	6.922	146	741102	43.136	ng 98
13) 1,4-Dichlorobenzene	6.998	146	747097	43.549	ng 99
14) 1,2-Dichlorobenzene	7.157	146	669417	40.660	ng 98
15) Benzyl Alcohol	7.128	79	639416	41.241	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	906179	39.882	ng 87
17) 2-Methylphenol	7.239	107	584934	39.148	ng 97
18) Hexachloroethane	7.492	117	302069	45.071	ng 99
19) n-Nitroso-di-n-propyla...	7.398	70	468181	37.787	ng 94
20) 3+4-Methylphenols	7.392	107	635879	32.941	ng 99
22) Acetophenone	7.392	105	920168	38.590	ng 95
24) Nitrobenzene	7.569	77	826085	38.754	ng 95
25) Isophorone	7.804	82	1509797	39.510	ng 99
26) 2-Nitrophenol	7.886	139	386081	41.050	ng 97
27) 2,4-Dimethylphenol	7.922	122	595989	40.150	ng 98
28) bis(2-Chloroethoxy)met...	8.010	93	903357	40.411	ng 100
29) 2,4-Dichlorophenol	8.128	162	602337	40.792	ng 98
30) 1,2,4-Trichlorobenzene	8.210	180	692024	43.160	ng 99
31) Naphthalene	8.292	128	1908936	39.432	ng 99
32) Benzoic acid	8.057	122	403603m	35.582	ng
33) 4-Chloroaniline	8.339	127	367595	17.720	ng 95
34) Hexachlorobutadiene	8.398	225	451068	44.271	ng 99
35) Caprolactam	8.728	113	219616m	45.114	ng
36) 4-Chloro-3-methylphenol	8.828	107	656437	40.480	ng 97
37) 2-Methylnaphthalene	8.986	142	1263289	38.292	ng 100
38) 1-Methylnaphthalene	9.086	142	1182603	38.357	ng 99
40) 1,2,4,5-Tetrachloroben...	9.151	216	698696	42.598	ng 99
41) Hexachlorocyclopentadiene	9.133	237	873006	98.131	ng 98
43) 2,4,6-Trichlorophenol	9.263	196	452920	40.746	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	474167	36.549	ng	97
46) 1,1'-Biphenyl	9.451	154	1518315	40.014	ng	98
47) 2-Chloronaphthalene	9.480	162	1227591	40.805	ng	98
48) 2-Nitroaniline	9.575	65	398220	35.940	ng	95
49) Acenaphthylene	9.892	152	1844570	38.525	ng	99
50) Dimethylphthalate	9.751	163	1460609	40.014	ng	99
51) 2,6-Dinitrotoluene	9.816	165	326383	39.261	ng	96
52) Acenaphthene	10.069	154	1285706m	42.289	ng	
53) 3-Nitroaniline	9.986	138	234668	25.235	ng	97
54) 2,4-Dinitrophenol	10.098	184	348272	66.794	ng	98
55) Dibenzofuran	10.239	168	1660877	37.473	ng	97
56) 4-Nitrophenol	10.157	139	433754	62.545	ng	93
57) 2,4-Dinitrotoluene	10.222	165	425329	38.458	ng	98
58) Fluorene	10.586	166	1286418	37.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	386786	40.135	ng	98
60) Diethylphthalate	10.451	149	1383184	38.799	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	698603	39.722	ng	98
62) 4-Nitroaniline	10.610	138	332800	36.458	ng	99
63) Azobenzene	10.733	77	1403768	37.180	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	243299	38.737	ng	93
66) n-Nitrosodiphenylamine	10.692	169	1148477	39.705	ng	98
67) 4-Bromophenyl-phenylether	11.063	248	440963	42.016	ng	97
68) Hexachlorobenzene	11.133	284	495867	44.902	ng	# 94
69) Atrazine	11.221	200	407804	45.160	ng	98
70) Pentachlorophenol	11.333	266	428703	65.248	ng	98
71) Phenanthrene	11.557	178	1853194	38.556	ng	99
72) Anthracene	11.610	178	1906539	38.519	ng	100
73) Carbazole	11.763	167	1681293	37.675	ng	99
74) Di-n-butylphthalate	12.074	149	2145607	40.988	ng	100
75) Fluoranthene	12.751	202	1973679	37.562	ng	98
77) Benzidine	12.868	184	854749	66.301	ng	99
78) Pyrene	12.980	202	2001118	41.560	ng	100
80) Butylbenzylphthalate	13.586	149	831875	43.781	ng	98
81) Benzo(a)anthracene	14.180	228	1590827	40.146	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	283813	24.294	ng	99
83) Chrysene	14.215	228	1444907	38.994	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	1061103	45.460	ng	99
85) Di-n-octyl phthalate	14.768	149	1595324	46.771	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1367148	43.334	ng	98
88) Benzo(b)fluoranthene	15.268	252	1330593	41.237	ng	99
89) Benzo(k)fluoranthene	15.304	252	1231555	38.999	ng	99
90) Benzo(a)pyrene	15.668	252	1120263	37.096	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	1118290	43.504	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1142762	39.629	ng	99

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

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