

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138466.D
 Acq On : 05 Jul 2024 13:53
 Operator : CG\JU
 Sample : PB161920BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161920BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 14:13:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127957	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	520928	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	288551	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496530	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211767	20.000	ng	# 0.01
86) Perylene-d12	15.504	264	247080	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1015035	131.519	ng	0.01
7) Phenol-d6	6.522	99	1350280	129.877	ng	0.00
23) Nitrobenzene-d5	7.445	82	892682	89.020	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	323580	137.256	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1491107	82.240	ng	0.00
79) Terphenyl-d14	12.980	244	1298249	84.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	123705	34.029	ng	97
3) Pyridine	3.475	79	307142	35.415	ng	98
4) n-Nitrosodimethylamine	3.440	42	263273	48.659	ng	93
6) Aniline	6.539	93	293889	28.967	ng	95
8) 2-Chlorophenol	6.663	128	406070	49.011	ng	99
9) Benzaldehyde	6.428	77	152366	23.744	ng	98
10) Phenol	6.534	94	517335	46.706	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	384662	44.217	ng	95
12) 1,3-Dichlorobenzene	6.816	146	402291	42.400	ng	99
13) 1,4-Dichlorobenzene	6.892	146	404842	42.554	ng	99
14) 1,2-Dichlorobenzene	7.045	146	390622	44.476	ng	98
15) Benzyl Alcohol	7.022	79	383403	51.487	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	776537	44.254	ng	97
17) 2-Methylphenol	7.134	107	318697	46.413	ng	94
18) Hexachloroethane	7.386	117	150407	43.831	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	297309	45.362	ng	98
20) 3+4-Methylphenols	7.286	107	391499	49.070	ng	99
22) Acetophenone	7.286	105	537635	45.493	ng	# 98
24) Nitrobenzene	7.463	77	465690	45.658	ng	98
25) Isophorone	7.698	82	829347	44.853	ng	99
26) 2-Nitrophenol	7.775	139	215484	48.981	ng	97
27) 2,4-Dimethylphenol	7.810	122	284063	50.451	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	482838	43.383	ng	99
29) 2,4-Dichlorophenol	8.016	162	337038	46.606	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	358190	42.599	ng	99
31) Naphthalene	8.181	128	1149527	43.651	ng	100
32) Benzoic acid	7.957	122	253542	49.158	ng	97
33) 4-Chloroaniline	8.228	127	195535	21.260	ng	99
34) Hexachlorobutadiene	8.292	225	210883	41.773	ng	99
35) Caprolactam	8.610	113	114522m	50.150	ng	
36) 4-Chloro-3-methylphenol	8.716	107	377427	48.998	ng	96
37) 2-Methylnaphthalene	8.869	142	743783	43.701	ng	98
38) 1-Methylnaphthalene	8.969	142	687906	41.676	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	346458	43.408	ng	98
41) Hexachlorocyclopentadiene	9.022	237	273937	116.602	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	231115	45.507	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	246429	44.616	ng	96
46) 1,1'-Biphenyl	9.333	154	940986	43.675	ng	99
47) 2-Chloronaphthalene	9.363	162	704504	42.887	ng	98
48) 2-Nitroaniline	9.457	65	269617	50.882	ng	92
49) Acenaphthylene	9.775	152	1097585	47.509	ng	99
50) Dimethylphthalate	9.639	163	841155	45.358	ng	99
51) 2,6-Dinitrotoluene	9.698	165	192323	46.306	ng	94
52) Acenaphthene	9.951	154	784042m	49.563	ng	
53) 3-Nitroaniline	9.869	138	138955	33.875	ng	100
54) 2,4-Dinitrophenol	9.980	184	198236	109.177	ng	92
55) Dibenzofuran	10.122	168	981708	45.041	ng	98
56) 4-Nitrophenol	10.045	139	280757	105.561	ng	87
57) 2,4-Dinitrotoluene	10.104	165	252855	49.445	ng	97
58) Fluorene	10.463	166	752411	43.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	202660	49.399	ng	99
60) Diethylphthalate	10.333	149	801312	46.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	371677	42.298	ng	96
62) 4-Nitroaniline	10.486	138	182897	48.577	ng	94
63) Azobenzene	10.616	77	859076	46.916	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	137613	51.307	ng	94
66) n-Nitrosodiphenylamine	10.574	169	661692	42.926	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	225412	42.235	ng	93
68) Hexachlorobenzene	11.010	284	244499	41.564	ng	95
69) Atrazine	11.098	200	202480	46.849	ng	97
70) Pentachlorophenol	11.204	266	277117	92.816	ng	99
71) Phenanthrene	11.427	178	1117249	46.086	ng	99
72) Anthracene	11.480	178	1126016	46.575	ng	99
73) Carbazole	11.633	167	927803	46.225	ng	100
74) Di-n-butylphthalate	11.957	149	1157390	45.501	ng	99
75) Fluoranthene	12.610	202	1001610	46.085	ng	99
77) Benzidine	12.727	184	61431	36.277	ng	98
78) Pyrene	12.839	202	986950	43.606	ng	99
80) Butylbenzylphthalate	13.451	149	317696	46.128	ng	94
81) Benzo(a)anthracene	14.027	228	651663	47.810	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	169292	42.068	ng	98
83) Chrysene	14.062	228	619294	46.693	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	363777	42.118	ng	99
85) Di-n-octyl phthalate	14.621	149	651753	43.111	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	649516	52.318	ng	97
88) Benzo(b)fluoranthene	15.074	252	674188	49.732	ng	99
89) Benzo(k)fluoranthene	15.109	252	605858	48.521	ng	99
90) Benzo(a)pyrene	15.445	252	610895	51.412	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	521895	52.080	ng	97
92) Benzo(g,h,i)perylene	17.433	276	485625	49.537	ng	98

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

