

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138542.D
 Acq On : 12 Jul 2024 12:53
 Operator : CG\JU
 Sample : PB162009BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162009BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 12 13:32:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	141372	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	588732	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	327987	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	561808	20.000	ng	0.00
76) Chrysene-d12	14.027	240	263280	20.000	ng	0.00
86) Perylene-d12	15.492	264	260791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1144412	128.206	ng	0.02
7) Phenol-d6	6.516	99	1508520	127.036	ng	0.01
23) Nitrobenzene-d5	7.440	82	1000942	83.474	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	400560	130.673	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1753671	83.565	ng	0.00
79) Terphenyl-d14	12.974	244	1660354	102.739	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	124473	31.485	ng	99
3) Pyridine	3.510	79	313413	32.147	ng	98
4) n-Nitrosodimethylamine	3.475	42	269140	42.406	ng	95
6) Aniline	6.534	93	313103	28.151	ng	# 28
8) 2-Chlorophenol	6.657	128	453413	48.038	ng	96
9) Benzaldehyde	6.416	77	106316	16.727	ng	93
10) Phenol	6.528	94	558859	44.339	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	444415	46.831	ng	98
12) 1,3-Dichlorobenzene	6.810	146	443568	41.808	ng	99
13) 1,4-Dichlorobenzene	6.887	146	455708	42.298	ng	98
14) 1,2-Dichlorobenzene	7.040	146	440560	43.905	ng	98
15) Benzyl Alcohol	7.016	79	433276	48.619	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	793311	42.509	ng	88
17) 2-Methylphenol	7.128	107	357634	46.232	ng	# 93
18) Hexachloroethane	7.381	117	172766	43.620	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	340926	46.464	ng	95
20) 3+4-Methylphenols	7.287	107	434841	44.640	ng	# 85
22) Acetophenone	7.281	105	622438	43.531	ng	# 95
24) Nitrobenzene	7.457	77	506253	41.545	ng	95
25) Isophorone	7.692	82	946427	45.960	ng	99
26) 2-Nitrophenol	7.769	139	248630	47.605	ng	98
27) 2,4-Dimethylphenol	7.810	122	317161	49.410	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	550204	44.707	ng	99
29) 2,4-Dichlorophenol	8.016	162	376745	45.197	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	413196	42.551	ng	98
31) Naphthalene	8.175	128	1306990	42.686	ng	99
32) Benzoic acid	7.969	122	283164	46.251	ng	96
33) 4-Chloroaniline	8.222	127	267038	24.856	ng	98
34) Hexachlorobutadiene	8.287	225	248586	41.572	ng	100
35) Caprolactam	8.622	113	110541m	41.096	ng	
36) 4-Chloro-3-methylphenol	8.716	107	417126	44.698	ng	97
37) 2-Methylnaphthalene	8.863	142	845002	42.885	ng	100
38) 1-Methylnaphthalene	8.963	142	783794	40.758	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	401469	43.919	ng	99
41) Hexachlorocyclopentadiene	9.016	237	343604	115.806	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	263593	45.205	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	275527	42.961	ng	# 92
46) 1,1'-Biphenyl	9.334	154	1063586	42.789	ng	100
47) 2-Chloronaphthalene	9.357	162	807230	42.988	ng	99
48) 2-Nitroaniline	9.457	65	294633	45.279	ng	98
49) Acenaphthylene	9.775	152	1229257	46.108	ng	99
50) Dimethylphthalate	9.639	163	982678	46.335	ng	99
51) 2,6-Dinitrotoluene	9.698	165	215940	44.222	ng	89
52) Acenaphthene	9.945	154	768814	43.383	ng	99
53) 3-Nitroaniline	9.869	138	143896	28.751	ng	98
54) 2,4-Dinitrophenol	9.981	184	243481	92.153	ng	# 87
55) Dibenzofuran	10.116	168	1115557	43.399	ng	99
56) 4-Nitrophenol	10.045	139	313815	84.978	ng	99
57) 2,4-Dinitrotoluene	10.104	165	281610	44.572	ng	95
58) Fluorene	10.457	166	870268	42.789	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	234573	46.345	ng	98
60) Diethylphthalate	10.333	149	936842	45.821	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	442257	43.303	ng	93
62) 4-Nitroaniline	10.492	138	203395	40.555	ng	97
63) Azobenzene	10.610	77	984653	44.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	168979	52.091	ng	98
66) n-Nitrosodiphenylamine	10.569	169	771668	45.845	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	265708	46.015	ng	94
68) Hexachlorobenzene	11.004	284	289424	45.118	ng	92
69) Atrazine	11.098	200	225359	40.382	ng	98
70) Pentachlorophenol	11.198	266	335775	88.459	ng	98
71) Phenanthrene	11.422	178	1265030	44.570	ng	100
72) Anthracene	11.475	178	1279372	45.409	ng	100
73) Carbazole	11.628	167	1058710	41.814	ng	99
74) Di-n-butylphthalate	11.951	149	1372375	47.023	ng	99
75) Fluoranthene	12.604	202	1183080	40.850	ng	98
77) Benzidine	12.722	184	51747	7.790	ng	99
78) Pyrene	12.833	202	1174972	43.963	ng	99
80) Butylbenzylphthalate	13.445	149	424836	52.841	ng	98
81) Benzo(a)anthracene	14.016	228	816000	46.190	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	195028	42.843	ng	97
83) Chrysene	14.057	228	778091	46.558	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	534151	62.294	ng	99
85) Di-n-octyl phthalate	14.610	149	879290	64.913	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	845646	48.275	ng	99
88) Benzo(b)fluoranthene	15.068	252	727084	49.505	ng	99
89) Benzo(k)fluoranthene	15.098	252	696715	48.639	ng	99
90) Benzo(a)pyrene	15.433	252	662127	51.320	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	702747	49.042	ng	100
92) Benzo(g,h,i)perylene	17.421	276	672735	44.274	ng	98

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

