

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138420.D
 Acq On : 02 Jul 2024 10:41
 Operator : CG\JU
 Sample : PB161853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB161853BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 11:38:19 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	197326	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	814531	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	444346	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	709134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	297620	20.000	ng	0.00
86) Perylene-d12	15.498	264	365567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1448199	121.679	ng	0.02
7) Phenol-d6	6.522	99	1961738	122.357	ng	0.00
23) Nitrobenzene-d5	7.445	82	1273134	81.196	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	422942	116.501	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2048101	73.354	ng	0.00
79) Terphenyl-d14	12.980	244	1566027	72.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	204986	36.565	ng	99
3) Pyridine	3.498	79	503829	37.672	ng	99
4) n-Nitrosodimethylamine	3.457	42	386526	46.325	ng	100
6) Aniline	6.539	93	461789	29.515	ng	94
8) 2-Chlorophenol	6.663	128	605566	47.395	ng	97
9) Benzaldehyde	6.422	77	67209	6.792	ng	96
10) Phenol	6.534	94	753765	44.128	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	606329	45.196	ng	99
12) 1,3-Dichlorobenzene	6.816	146	589909	40.317	ng	99
13) 1,4-Dichlorobenzene	6.892	146	607501	41.408	ng	99
14) 1,2-Dichlorobenzene	7.045	146	586316	43.290	ng	99
15) Benzyl Alcohol	7.022	79	551591	48.033	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1196057	44.200	ng	95
17) 2-Methylphenol	7.133	107	472182	44.591	ng	97
18) Hexachloroethane	7.386	117	222875	42.117	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	431309	42.673	ng	96
20) 3+4-Methylphenols	7.286	107	553027	44.948	ng	99
22) Acetophenone	7.286	105	772053	41.780	ng	# 99
24) Nitrobenzene	7.463	77	666944	41.820	ng	96
25) Isophorone	7.698	82	1245659	43.084	ng	99
26) 2-Nitrophenol	7.775	139	322268	46.849	ng	100
27) 2,4-Dimethylphenol	7.816	122	423578	48.112	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	747572	42.957	ng	99
29) 2,4-Dichlorophenol	8.022	162	486263	43.003	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	525991	40.007	ng	100
31) Naphthalene	8.181	128	1688999	41.018	ng	100
32) Benzoic acid	7.951	122	358271	44.819	ng	98
33) 4-Chloroaniline	8.228	127	367708	25.569	ng	97
34) Hexachlorobutadiene	8.292	225	296422	37.552	ng	99
35) Caprolactam	8.604	113	165421m	46.328	ng	
36) 4-Chloro-3-methylphenol	8.716	107	527923	43.831	ng	98
37) 2-Methylnaphthalene	8.869	142	1092807	41.064	ng	100
38) 1-Methylnaphthalene	8.969	142	1011556	39.194	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	489752	39.847	ng	99
41) Hexachlorocyclopentadiene	9.022	237	387276	107.048	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	327559	41.884	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	349474	41.088	ng	95
46) 1,1'-Biphenyl	9.333	154	1338992	40.358	ng	98
47) 2-Chloronaphthalene	9.363	162	1010370	39.941	ng	99
48) 2-Nitroaniline	9.457	65	377245	46.232	ng	95
49) Acenaphthylene	9.774	152	1571505	44.173	ng	99
50) Dimethylphthalate	9.639	163	1191589	41.726	ng	100
51) 2,6-Dinitrotoluene	9.698	165	270930	42.361	ng	96
52) Acenaphthene	9.951	154	1096628m	45.017	ng	
53) 3-Nitroaniline	9.869	138	192926	30.542	ng	97
54) 2,4-Dinitrophenol	9.980	184	263177	95.355	ng	# 85
55) Dibenzofuran	10.122	168	1388747	41.376	ng	99
56) 4-Nitrophenol	10.045	139	398846	97.383	ng	97
57) 2,4-Dinitrotoluene	10.104	165	350443	44.501	ng	98
58) Fluorene	10.463	166	1027845	38.540	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	284350	45.010	ng	100
60) Diethylphthalate	10.339	149	1105174	41.393	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	517529	38.246	ng	96
62) 4-Nitroaniline	10.486	138	253164	43.664	ng	99
63) Azobenzene	10.616	77	1243828	44.112	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	185803	48.821	ng	# 75
66) n-Nitrosodiphenylamine	10.574	169	932521	42.359	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	312229	40.963	ng	93
68) Hexachlorobenzene	11.010	284	334080	39.765	ng	93
69) Atrazine	11.098	200	271323	43.956	ng	99
70) Pentachlorophenol	11.204	266	374403	87.805	ng	99
71) Phenanthrene	11.427	178	1483583	42.849	ng	99
72) Anthracene	11.474	178	1492921	43.237	ng	99
73) Carbazole	11.627	167	1224238	42.707	ng	99
74) Di-n-butylphthalate	11.957	149	1559491	42.928	ng	100
75) Fluoranthene	12.610	202	1286435	41.444	ng	98
77) Benzidine	12.727	184	102323	42.995	ng	96
78) Pyrene	12.839	202	1239787	38.975	ng	99
80) Butylbenzylphthalate	13.451	149	410866	42.447	ng	97
81) Benzo(a)anthracene	14.021	228	855750	44.672	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	230821	40.812	ng	99
83) Chrysene	14.057	228	846191	45.396	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	555939	45.798	ng	99
85) Di-n-octyl phthalate	14.621	149	1094876	51.531	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	895181	48.735	ng	99
88) Benzo(b)fluoranthene	15.074	252	928085	46.272	ng	98
89) Benzo(k)fluoranthene	15.104	252	908295	49.165	ng	99
90) Benzo(a)pyrene	15.439	252	878385	49.964	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	714315	48.178	ng	99
92) Benzo(g,h,i)perylene	17.427	276	667960	46.052	ng	98

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

