

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137522.D
 Acq On : 06 Mar 2024 16:55
 Operator : CG\JU
 Sample : P1685-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 17:14:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 00:07:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	237153	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	899882	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	489015	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	748602	20.000	ng	0.00
76) Chrysene-d12	14.051	240	409647	20.000	ng	0.00
86) Perylene-d12	15.580	264	489893	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1223632	78.145	ng	0.01
7) Phenol-d6	6.504	99	1653774	73.168	ng	0.00
23) Nitrobenzene-d5	7.422	82	1040775	53.739	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	318310	74.122	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1590701	50.919	ng	0.00
79) Terphenyl-d14	12.986	244	1236185	41.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	305400	35.670	ng	100
3) Pyridine	3.534	79	728223	35.267	ng	99
4) n-Nitrosodimethylamine	3.516	42	347110	42.013	ng	99
6) Aniline	6.528	93	621515	22.504	ng	# 86
8) 2-Chlorophenol	6.645	128	685078	41.481	ng	94
9) Benzaldehyde	6.416	77	357057	32.245	ng	99
10) Phenol	6.522	94	964103	39.630	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	721947	40.497	ng	98
12) 1,3-Dichlorobenzene	6.798	146	719996	40.797	ng	99
13) 1,4-Dichlorobenzene	6.875	146	713688	39.525	ng	98
14) 1,2-Dichlorobenzene	7.028	146	685167	41.341	ng	97
15) Benzyl Alcohol	7.004	79	636163	45.210	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1127388	36.790	ng	90
17) 2-Methylphenol	7.116	107	557315	36.062	ng	99
18) Hexachloroethane	7.363	117	252090	42.400	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	510514	36.577	ng	98
20) 3+4-Methylphenols	7.269	107	648619	36.646	ng	96
22) Acetophenone	7.269	105	893589	41.041	ng	98
24) Nitrobenzene	7.440	77	791916	40.704	ng	100
25) Isophorone	7.675	82	1479084	40.199	ng	100
26) 2-Nitrophenol	7.757	139	351868	45.555	ng	93
27) 2,4-Dimethylphenol	7.792	122	493659	34.204	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	885601	41.022	ng	99
29) 2,4-Dichlorophenol	7.998	162	565780	42.713	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	595733	42.738	ng	99
31) Naphthalene	8.157	128	1923385	39.837	ng	100
32) Benzoic acid	7.922	122	238479	31.226	ng	98
33) 4-Chloroaniline	8.210	127	174156	9.199	ng	99
34) Hexachlorobutadiene	8.275	225	343920	41.792	ng	99
35) Caprolactam	8.586	113	187707m	41.792	ng	
36) 4-Chloro-3-methylphenol	8.698	107	611186	41.279	ng	99
37) 2-Methylnaphthalene	8.851	142	1186138	38.537	ng	99
38) 1-Methylnaphthalene	8.945	142	1105675	38.145	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	572606	41.943	ng	99
41) Hexachlorocyclopentadiene	8.998	237	393069	71.525	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	382438	43.017	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	409824	40.017	ng	97
46) 1,1'-Biphenyl	9.316	154	1447755	40.450	ng	99
47) 2-Chloronaphthalene	9.339	162	1144928	41.957	ng	99
48) 2-Nitroaniline	9.439	65	405809	43.753	ng	95
49) Acenaphthylene	9.757	152	1796169	41.130	ng	99
50) Dimethylphthalate	9.622	163	1377618	40.469	ng	99
51) 2,6-Dinitrotoluene	9.686	165	299480	42.062	ng	93
52) Acenaphthene	9.928	154	1007563	38.646	ng	99
53) 3-Nitroaniline	9.857	138	163046	21.650	ng	91
54) 2,4-Dinitrophenol	9.963	184	178187	54.259	ng	99
55) Dibenzofuran	10.104	168	1530375	38.540	ng	99
56) 4-Nitrophenol	10.028	139	375731	70.683	ng	98
57) 2,4-Dinitrotoluene	10.092	165	363575	41.563	ng	96
58) Fluorene	10.445	166	1152839	37.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	320157	38.984	ng	94
60) Diethylphthalate	10.328	149	1280331	39.829	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	558493	37.368	ng	97
62) 4-Nitroaniline	10.475	138	233278	36.039	ng	97
63) Azobenzene	10.604	77	1444716	39.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	155675	37.311	ng	99
66) n-Nitrosodiphenylamine	10.563	169	1027080	42.607	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	357341	43.826	ng	98
68) Hexachlorobenzene	10.992	284	377262	45.810	ng	97
69) Atrazine	11.098	200	328812	44.870	ng	98
70) Pentachlorophenol	11.192	266	357841	71.879	ng	100
71) Phenanthrene	11.416	178	1673827	41.085	ng	99
72) Anthracene	11.469	178	1646377	39.347	ng	100
73) Carbazole	11.627	167	1411887	39.393	ng	99
74) Di-n-butylphthalate	11.963	149	1805144	42.332	ng	99
75) Fluoranthene	12.610	202	1500756	37.686	ng	99
77) Benzidine	12.739	184	522864	52.156	ng	98
78) Pyrene	12.839	202	1508165	37.521	ng	100
80) Butylbenzylphthalate	13.474	149	517343	50.397	ng	98
81) Benzo(a)anthracene	14.039	228	1219865	42.487	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	300247	39.269	ng	98
83) Chrysene	14.080	228	1245888	42.934	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	702157	53.815	ng	# 99
85) Di-n-octyl phthalate	14.668	149	1410978	55.163	ng	98
87) Indeno(1,2,3-cd)pyrene	17.168	276	1068206	33.135	ng	98
88) Benzo(b)fluoranthene	15.127	252	1269668	43.813	ng	99
89) Benzo(k)fluoranthene	15.157	252	1284471	41.266	ng	98
90) Benzo(a)pyrene	15.515	252	1210338	42.383	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	856758	32.761	ng	98
92) Benzo(g,h,i)perylene	17.651	276	764707	28.472	ng	98

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

