

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140052.D
 Acq On : 26 Oct 2024 11:34
 Operator : RC/JU
 Sample : PB164401BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:05:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	133953	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	523078	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	286545	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	514956	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290190	20.000	ng	0.00
86) Perylene-d12	15.527	264	270508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	986950	115.343	ng	0.02
7) Phenol-d6	6.516	99	1244065	112.258	ng	0.00
23) Nitrobenzene-d5	7.451	82	809122	85.732	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	362775	135.351	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453842	83.853	ng	0.00
79) Terphenyl-d14	12.998	244	1564872	87.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	146496	36.720	ng	94
3) Pyridine	3.528	79	386668	39.102	ng	97
4) n-Nitrosodimethylamine	3.481	42	214789	40.427	ng	98
6) Aniline	6.551	93	383651	37.145	ng	99
8) 2-Chlorophenol	6.675	128	391637	44.771	ng	97
9) Benzaldehyde	6.440	77	83963	13.468	ng	97
10) Phenol	6.528	94	489257m	42.823	ng	
11) bis(2-Chloroethyl)ether	6.622	93	377809	42.783	ng	100
12) 1,3-Dichlorobenzene	6.828	146	422642	42.090	ng	100
13) 1,4-Dichlorobenzene	6.904	146	426636	42.528	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409319	43.717	ng	99
15) Benzyl Alcohol	7.028	79	360303	44.322	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	612220	40.658	ng	98
17) 2-Methylphenol	7.134	107	320253	42.935	ng	99
18) Hexachloroethane	7.404	117	154207	43.106	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	274155	40.789	ng	97
20) 3+4-Methylphenols	7.287	107	390957	40.978	ng	# 91
22) Acetophenone	7.298	105	535776	41.819	ng	98
24) Nitrobenzene	7.469	77	427531	41.317	ng	100
25) Isophorone	7.710	82	764949	42.704	ng	100
26) 2-Nitrophenol	7.787	139	194486	49.821	ng	96
27) 2,4-Dimethylphenol	7.816	122	320800	49.284	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	442314	40.755	ng	100
29) 2,4-Dichlorophenol	8.028	162	318856	43.007	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	341281	41.600	ng	99
31) Naphthalene	8.192	128	1144384	42.420	ng	100
32) Benzoic acid	7.934	122	221089	38.943	ng	97
33) 4-Chloroaniline	8.239	127	160319	17.428	ng	97
34) Hexachlorobutadiene	8.310	225	222248	43.117	ng	98
35) Caprolactam	8.610	113	104721m	44.422	ng	
36) 4-Chloro-3-methylphenol	8.716	107	352609	42.951	ng	99
37) 2-Methylnaphthalene	8.887	142	708246	42.867	ng	99
38) 1-Methylnaphthalene	8.986	142	664636	41.002	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	336499	43.529	ng	99
41) Hexachlorocyclopentadiene	9.039	237	439499	163.391	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	245472	44.850	ng	100

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44) 2,4,5-Trichlorophenol	9.198	196	247584	43.845	ng	100
46) 1,1'-Biphenyl	9.351	154	854568	42.840	ng	99
47) 2-Chloronaphthalene	9.375	162	683907	42.568	ng	99
48) 2-Nitroaniline	9.469	65	234337	47.690	ng	93
49) Acenaphthylene	9.792	152	1062663	45.751	ng	100
50) Dimethylphthalate	9.651	163	774247	43.379	ng	100
51) 2,6-Dinitrotoluene	9.710	165	175507	45.415	ng	96
52) Acenaphthene	9.963	154	733262	48.802	ng	99
53) 3-Nitroaniline	9.875	138	119085	29.881	ng	98
54) 2,4-Dinitrophenol	9.986	184	179501	109.200	ng	# 1
55) Dibenzofuran	10.133	168	930933	43.183	ng	100
56) 4-Nitrophenol	10.034	139	297136	96.911	ng	99
57) 2,4-Dinitrotoluene	10.116	165	239693	50.437	ng	97
58) Fluorene	10.475	166	710862	43.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	209794	47.393	ng	97
60) Diethylphthalate	10.351	149	742904	42.392	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	354589	42.763	ng	99
62) 4-Nitroaniline	10.492	138	178276	47.364	ng	98
63) Azobenzene	10.628	77	770383	41.466	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	128121	60.996	ng	89
66) n-Nitrosodiphenylamine	10.586	169	652591	42.342	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	227307	42.848	ng	98
68) Hexachlorobenzene	11.022	284	258374	43.305	ng	99
69) Atrazine	11.110	200	213946	51.244	ng	100
70) Pentachlorophenol	11.216	266	317923	87.799	ng	99
71) Phenanthrene	11.439	178	1079100	44.363	ng	100
72) Anthracene	11.492	178	1093172	46.061	ng	100
73) Carbazole	11.645	167	962703	43.616	ng	99
74) Di-n-butylphthalate	11.975	149	1087234	42.635	ng	99
75) Fluoranthene	12.627	202	1108012	45.059	ng	99
77) Benzidine	12.745	184	233393	48.912	ng	99
78) Pyrene	12.857	202	1139954	44.878	ng	100
80) Butylbenzylphthalate	13.474	149	379877	49.883	ng	96
81) Benzo(a)anthracene	14.045	228	868429	45.972	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	167400	30.393	ng	99
83) Chrysene	14.080	228	776429	44.828	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	419403	49.087	ng	100
85) Di-n-octyl phthalate	14.645	149	608593	39.162	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	803896	46.194	ng	97
88) Benzo(b)fluoranthene	15.098	252	691202	41.946	ng	99
89) Benzo(k)fluoranthene	15.127	252	671210	47.231	ng	99
90) Benzo(a)pyrene	15.468	252	651066	48.018	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	656369	45.212	ng	97
92) Benzo(g,h,i)perylene	17.486	276	610078	42.071	ng	97

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

