

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140445.D
 Acq On : 18 Nov 2024 11:05
 Operator : RC/JU
 Sample : PB165029BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/19/2024
 Supervised By :mohammad
 ahmed

Quant Time: Nov 18 11:37:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142797	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	543909	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	303339	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	568567	20.000	ng	0.00
76) Chrysene-d12	14.057	240	301677	20.000	ng	0.00
86) Perylene-d12	15.551	264	262350	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1000875	119.672	ng	0.02
7) Phenol-d6	6.516	99	1300633	114.784	ng	0.01
23) Nitrobenzene-d5	7.440	82	860722	82.451	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	384780	127.560	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1602496	84.924	ng	0.00
79) Terphenyl-d14	12.986	244	1712516	98.535	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	137852	36.982	ng	98
3) Pyridine	3.493	79	354693	38.705	ng	99
4) n-Nitrosodimethylamine	3.446	42	187846	40.558	ng	99
6) Aniline	6.540	93	374120	37.954	ng	# 50
8) 2-Chlorophenol	6.663	128	405231	45.106	ng	98
9) Benzaldehyde	6.428	77	36468	5.370	ng	96
10) Phenol	6.534	94	499145	41.771	ng	# 73
11) bis(2-Chloroethyl)ether	6.610	93	393787	43.492	ng	100
12) 1,3-Dichlorobenzene	6.816	146	413257	41.691	ng	99
13) 1,4-Dichlorobenzene	6.893	146	417677	41.556	ng	99
14) 1,2-Dichlorobenzene	7.045	146	398765	42.737	ng	99
15) Benzyl Alcohol	7.016	79	369056	45.207	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	529036	42.301	ng	70
17) 2-Methylphenol	7.134	107	318180	43.053	ng	94
18) Hexachloroethane	7.387	117	158881	42.759	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	287998	42.083	ng	100
20) 3+4-Methylphenols	7.287	107	400760	43.360	ng	95
22) Acetophenone	7.281	105	529582	41.863	ng	99
24) Nitrobenzene	7.457	77	445374	40.977	ng	99
25) Isophorone	7.692	82	804333	43.474	ng	99
26) 2-Nitrophenol	7.775	139	214074	44.384	ng	98
27) 2,4-Dimethylphenol	7.810	122	326761	52.918	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	489908	43.184	ng	99
29) 2,4-Dichlorophenol	8.016	162	341063	44.692	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	355715	41.867	ng	98
31) Naphthalene	8.181	128	1168469	42.349	ng	100
32) Benzoic acid	7.939	122	218773	40.264	ng	95
33) 4-Chloroaniline	8.228	127	234759	24.465	ng	98
34) Hexachlorobutadiene	8.292	225	229108	42.323	ng	99
35) Caprolactam	8.598	113	107905m	42.542	ng	
36) 4-Chloro-3-methylphenol	8.716	107	371125	43.883	ng	99
37) 2-Methylnaphthalene	8.869	142	765366	43.260	ng	100
38) 1-Methylnaphthalene	8.969	142	713542	41.186	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	360556	42.983	ng	98
41) Hexachlorocyclopentadiene	9.016	237	366390	170.119	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	243111	44.162	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	254080	42.215	ng	98
46) 1,1'-Biphenyl	9.334	154	953595	43.212	ng	99
47) 2-Chloronaphthalene	9.357	162	709256	42.191	ng	99
48) 2-Nitroaniline	9.457	65	246291	44.178	ng	98
49) Acenaphthylene	9.775	152	1176469	46.256	ng	100
50) Dimethylphthalate	9.633	163	883998	44.710	ng	99
51) 2,6-Dinitrotoluene	9.698	165	189531	42.048	ng	100
52) Acenaphthene	9.945	154	833212m	48.503	ng	
53) 3-Nitroaniline	9.869	138	130001	27.463	ng	98
54) 2,4-Dinitrophenol	9.981	184	198188	85.263	ng	99
55) Dibenzofuran	10.122	168	1070551	44.022	ng	100
56) 4-Nitrophenol	10.045	139	280804	81.325	ng	98
57) 2,4-Dinitrotoluene	10.104	165	263206	44.368	ng	100
58) Fluorene	10.463	166	833821	43.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	218568	45.992	ng	98
60) Diethylphthalate	10.333	149	885703	43.808	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	413629	43.611	ng	99
62) 4-Nitroaniline	10.486	138	199894	41.299	ng	99
63) Azobenzene	10.616	77	869372	43.520	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	139047	45.455	ng	98
66) n-Nitrosodiphenylamine	10.575	169	730437	44.463	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	249652	43.926	ng	98
68) Hexachlorobenzene	11.010	284	283562	44.343	ng	99
69) Atrazine	11.104	200	246446	49.585	ng	99
70) Pentachlorophenol	11.210	266	282690	82.067	ng	99
71) Phenanthrene	11.428	178	1183501	44.311	ng	100
72) Anthracene	11.480	178	1209578	46.209	ng	100
73) Carbazole	11.633	167	1099728	42.548	ng	99
74) Di-n-butylphthalate	11.957	149	1368135	44.103	ng	100
75) Fluoranthene	12.616	202	1255837	41.910	ng	99
77) Benzidine	12.739	184	313825	27.104	ng	100
78) Pyrene	12.851	202	1260459	48.846	ng	100
80) Butylbenzylphthalate	13.463	149	502582	50.700	ng	96
81) Benzo(a)anthracene	14.045	228	930920	46.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	177638	28.188	ng	100
83) Chrysene	14.080	228	816823	45.152	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	654935	49.499	ng	99
85) Di-n-octyl phthalate	14.657	149	849818	45.603	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	837971	51.707	ng	100
88) Benzo(b)fluoranthene	15.116	252	744683	43.392	ng	99
89) Benzo(k)fluoranthene	15.145	252	599133	42.735	ng	99
90) Benzo(a)pyrene	15.492	252	643530	48.287	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	681008	50.837	ng	99
92) Benzo(g,h,i)perylene	17.521	276	637219	46.529	ng	99

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

