

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137999.D
 Acq On : 22 May 2024 11:44
 Operator : CG\JU
 Sample : PB161028BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

05/24/2024
 Supervised By :mohammad
 ahmed

Quant Time: May 22 12:12:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	158190	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	617430	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	353016	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614670	20.000	ng	0.00
76) Chrysene-d12	14.227	240	365439	20.000	ng	0.00
86) Perylene-d12	15.786	264	301176	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1115146	119.744	ng	0.00
7) Phenol-d6	6.657	99	1369842	119.410	ng	0.00
23) Nitrobenzene-d5	7.598	82	839611	80.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	482070	135.434	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1812055	79.069	ng	0.00
79) Terphenyl-d14	13.169	244	2100560	84.715	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.040	88	136302	33.785	ng 99
3) Pyridine	3.781	79	336538	37.177	ng 99
4) n-Nitrosodimethylamine	3.746	42	167595	41.968	ng 93
6) Aniline	6.698	93	325956m	31.767	ng
8) 2-Chlorophenol	6.816	128	450508	44.701	ng 98
9) Benzaldehyde	6.593	77	365239	58.847	ng 97
10) Phenol	6.669	94	504558	43.575	ng 98
11) bis(2-Chloroethyl)ether	6.769	93	391607	44.047	ng 97
12) 1,3-Dichlorobenzene	6.975	146	470495	40.349	ng 98
13) 1,4-Dichlorobenzene	7.051	146	482028	41.184	ng 99
14) 1,2-Dichlorobenzene	7.204	146	463858	42.109	ng 98
15) Benzyl Alcohol	7.175	79	358769	46.835	ng 97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	489518	44.792	ng 98
17) 2-Methylphenol	7.275	107	350481	43.607	ng 99
18) Hexachloroethane	7.545	117	164870	41.627	ng 98
19) n-Nitroso-di-n-propyla...	7.445	70	286643	44.475	ng 97
20) 3+4-Methylphenols	7.428	107	454516	43.167	ng 95
22) Acetophenone	7.445	105	598661	43.282	ng 99
24) Nitrobenzene	7.616	77	433633	40.743	ng 96
25) Isophorone	7.851	82	806173	44.274	ng 99
26) 2-Nitrophenol	7.934	139	244796	45.774	ng 96
27) 2,4-Dimethylphenol	7.957	122	327045	47.499	ng 98
28) bis(2-Chloroethoxy)met...	8.057	93	489729	44.376	ng 98
29) 2,4-Dichlorophenol	8.169	162	385790	44.557	ng 99
30) 1,2,4-Trichlorobenzene	8.257	180	404627	41.856	ng 100
31) Naphthalene	8.339	128	1312937	42.292	ng 100
32) Benzoic acid	8.081	122	286223	49.176	ng 99
33) 4-Chloroaniline	8.381	127	183883	18.068	ng 100
34) Hexachlorobutadiene	8.451	225	249482	40.772	ng 100
35) Caprolactam	8.763	113	123199m	49.114	ng
36) 4-Chloro-3-methylphenol	8.863	107	403255	45.784	ng 100
37) 2-Methylnaphthalene	9.034	142	868272	43.511	ng 98
38) 1-Methylnaphthalene	9.134	142	801655	40.863	ng 99
40) 1,2,4,5-Tetrachloroben...	9.198	216	413738	43.110	ng 99
41) Hexachlorocyclopentadiene	9.187	237	444788	121.971	ng 99
43) 2,4,6-Trichlorophenol	9.310	196	289769	46.049	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	303244	44.043	ng	98
46) 1,1'-Biphenyl	9.498	154	1063712	42.961	ng	99
47) 2-Chloronaphthalene	9.528	162	823975	41.688	ng	98
48) 2-Nitroaniline	9.622	65	226411	44.733	ng	97
49) Acenaphthylene	9.945	152	1318758	46.403	ng	98
50) Dimethylphthalate	9.798	163	1009381	45.597	ng	100
51) 2,6-Dinitrotoluene	9.863	165	224644	44.215	ng	96
52) Acenaphthene	10.122	154	894015	47.595	ng	98
53) 3-Nitroaniline	10.034	138	161826	32.581	ng	95
54) 2,4-Dinitrophenol	10.139	184	255333	91.889	ng	# 87
55) Dibenzofuran	10.292	168	1184807	43.341	ng	100
56) 4-Nitrophenol	10.192	139	351686	98.583	ng	93
57) 2,4-Dinitrotoluene	10.269	165	308054	46.901	ng	91
58) Fluorene	10.633	166	943280	43.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	261056	48.264	ng	98
60) Diethylphthalate	10.498	149	947284	45.819	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	469852	44.063	ng	97
62) 4-Nitroaniline	10.657	138	205783	43.681	ng	99
63) Azobenzene	10.786	77	855424	45.488	ng	98
65) 4,6-Dinitro-2-methylph...	10.681	198	179488	50.572	ng	94
66) n-Nitrosodiphenylamine	10.745	169	822146	43.615	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	298585	44.310	ng	97
68) Hexachlorobenzene	11.181	284	323888	43.483	ng	# 91
69) Atrazine	11.269	200	283369	55.052	ng	99
70) Pentachlorophenol	11.380	266	398147	91.251	ng	100
71) Phenanthrene	11.604	178	1335129	44.078	ng	100
72) Anthracene	11.657	178	1337431	44.502	ng	99
73) Carbazole	11.810	167	1206118	43.933	ng	100
74) Di-n-butylphthalate	12.128	149	1462925	48.015	ng	100
75) Fluoranthene	12.798	202	1366847	44.457	ng	99
77) Benzidine	12.910	184	101992	21.356	ng	99
78) Pyrene	13.027	202	1379363	43.155	ng	100
80) Butylbenzylphthalate	13.633	149	505931	52.478	ng	98
81) Benzo(a)anthracene	14.216	228	1079721	46.701	ng	100
82) 3,3'-Dichlorobenzidine	14.174	252	208221	32.498	ng	99
83) Chrysene	14.257	228	997697	45.122	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	638870	52.716	ng	98
85) Di-n-octyl phthalate	14.810	149	884832	54.044	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	929169	48.020	ng	99
88) Benzo(b)fluoranthene	15.321	252	836084	47.945	ng	99
89) Benzo(k)fluoranthene	15.351	252	850914	49.670	ng	99
90) Benzo(a)pyrene	15.721	252	752870	50.560	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	774919	48.472	ng	99
92) Benzo(g,h,i)perylene	17.921	276	732361	43.608	ng	98

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

