

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136278.D
 Acq On : 29 Nov 2023 12:18
 Operator : CG\JU
 Sample : PB157393BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157393BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 12:46:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	147659	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	642167	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	331693	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	610571	20.000	ng	0.00
76) Chrysene-d12	13.986	240	272004	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	274189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1354845	127.709	ng	0.02
7) Phenol-d6	6.451	99	1680582	126.694	ng	0.00
23) Nitrobenzene-d5	7.375	82	1029903	84.750	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	549791	135.576	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2167801	83.479	ng	0.00
79) Terphenyl-d14	12.933	244	2187783	92.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	152139	37.901	ng	98
3) Pyridine	3.434	79	339594	34.272	ng	97
4) n-Nitrosodimethylamine	3.399	42	205215	40.971	ng	95
6) Aniline	6.475	93	502809	40.104	ng	96
8) 2-Chlorophenol	6.592	128	523301	45.302	ng	95
9) Benzaldehyde	6.357	77	85289	11.536	ng	99
10) Phenol	6.463	94	620881	43.629	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	467796	44.808	ng	97
12) 1,3-Dichlorobenzene	6.751	146	553491	42.222	ng	98
13) 1,4-Dichlorobenzene	6.822	146	570301	42.795	ng	97
14) 1,2-Dichlorobenzene	6.975	146	530723	42.067	ng	98
15) Benzyl Alcohol	6.957	79	410789	44.169	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	642703	44.320	ng	99
17) 2-Methylphenol	7.063	107	416514	45.865	ng	98
18) Hexachloroethane	7.316	117	194417	41.592	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	354428	44.674	ng	98
20) 3+4-Methylphenols	7.216	107	522232	44.247	ng	92
22) Acetophenone	7.222	105	748918	44.406	ng	# 92
24) Nitrobenzene	7.392	77	520765	42.287	ng	96
25) Isophorone	7.628	82	967470	44.152	ng	98
26) 2-Nitrophenol	7.704	139	260702	49.685	ng	96
27) 2,4-Dimethylphenol	7.745	122	438516	63.495	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	590213	44.530	ng	100
29) 2,4-Dichlorophenol	7.945	162	433795	46.568	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	488603	42.841	ng	99
31) Naphthalene	8.110	128	1574947	43.634	ng	99
32) Benzoic acid	7.881	122	316384	50.266	ng	98
33) 4-Chloroaniline	8.157	127	430192	35.063	ng	99
34) Hexachlorobutadiene	8.222	225	271669	40.715	ng	97
35) Caprolactam	8.539	113	127076m	48.798	ng	
36) 4-Chloro-3-methylphenol	8.645	107	458263	45.358	ng	98
37) 2-Methylnaphthalene	8.798	142	990731	43.756	ng	99
38) 1-Methylnaphthalene	8.898	142	920208	41.662	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	468931	44.422	ng	99
41) Hexachlorocyclopentadiene	8.951	237	531144	130.764	ng	95
43) 2,4,6-Trichlorophenol	9.081	196	309023	45.102	ng	93

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44) 2,4,5-Trichlorophenol	9.128	196	332407	44.456	ng	98
46) 1,1'-Biphenyl	9.269	154	1295390	44.286	ng	99
47) 2-Chloronaphthalene	9.292	162	968923	42.655	ng	98
48) 2-Nitroaniline	9.392	65	278007	46.877	ng	86
49) Acenaphthylene	9.710	152	1485831	45.836	ng	99
50) Dimethylphthalate	9.575	163	1142323	45.565	ng	100
51) 2,6-Dinitrotoluene	9.633	165	234292	45.746	ng	97
52) Acenaphthene	9.880	154	901592	44.011	ng	99
53) 3-Nitroaniline	9.804	138	197287	38.822	ng	98
54) 2,4-Dinitrophenol	9.916	184	258235	108.411	ng	# 84
55) Dibenzofuran	10.051	168	1361087	44.651	ng	99
56) 4-Nitrophenol	9.975	139	353563	91.605	ng	86
57) 2,4-Dinitrotoluene	10.039	165	317910	46.469	ng	91
58) Fluorene	10.398	166	1033773	43.235	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	278808	46.864	ng	99
60) Diethylphthalate	10.280	149	1117489	44.561	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	496731	42.778	ng	99
62) 4-Nitroaniline	10.427	138	219020	44.030	ng	94
63) Azobenzene	10.551	77	1028597	44.242	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	170360	51.023	ng	89
66) n-Nitrosodiphenylamine	10.516	169	922309	47.137	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	323391	45.399	ng	100
68) Hexachlorobenzene	10.945	284	366395	44.442	ng	96
69) Atrazine	11.039	200	180724	31.136	ng	98
70) Pentachlorophenol	11.139	266	392164	84.153	ng	99
71) Phenanthrene	11.363	178	1597907	46.563	ng	99
72) Anthracene	11.416	178	1588343	46.154	ng	99
73) Carbazole	11.569	167	1289035	44.041	ng	99
74) Di-n-butylphthalate	11.904	149	1675702	45.757	ng	99
75) Fluoranthene	12.557	202	1450547	41.638	ng	99
77) Benzidine	12.680	184	201923	45.160	ng	99
78) Pyrene	12.786	202	1432188	48.077	ng	99
80) Butylbenzylphthalate	13.410	149	447613	48.280	ng	96
81) Benzo(a)anthracene	13.980	228	918960	45.485	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	288914	59.407	ng	98
83) Chrysene	14.015	228	886896	45.465	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	521280	46.850	ng	100
85) Di-n-octyl phthalate	14.598	149	904523	49.834	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	974357	47.567	ng	99
88) Benzo(b)fluoranthene	15.039	252	892587	46.400	ng	99
89) Benzo(k)fluoranthene	15.068	252	857321	46.924	ng	99
90) Benzo(a)pyrene	15.410	252	752101	47.827	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	793723	48.238	ng	98
92) Benzo(g,h,i)perylene	17.445	276	779374	47.248	ng	98

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

