

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136569.D
 Acq On : 14 Dec 2023 15:35
 Operator : CG\JU
 Sample : PB157641BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 16:33:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	110581	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	461342	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	247736	20.000	ng	-0.02
64) Phenanthrene-d10	11.316	188	464416	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	279678	20.000	ng	-0.01
86) Perylene-d12	15.439	264	245323	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	649334	86.720	ng	0.00
7) Phenol-d6	6.434	99	807261	86.411	ng	-0.01
23) Nitrobenzene-d5	7.351	82	709461	83.135	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	268205	87.804	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1494367	82.308	ng	-0.02
79) Terphenyl-d14	12.916	244	1811119	85.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	105108	35.490	ng	98
3) Pyridine	3.405	79	272938	38.055	ng	97
4) n-Nitrosodimethylamine	3.381	42	133799	42.939	ng	100
6) Aniline	6.451	93	350989	37.176	ng	# 36
8) 2-Chlorophenol	6.575	128	371955	45.503	ng	99
9) Benzaldehyde	6.340	77	126070	24.257	ng	93
10) Phenol	6.445	94	433161	43.574	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	321329	43.366	ng	96
12) 1,3-Dichlorobenzene	6.728	146	380504	41.391	ng	99
13) 1,4-Dichlorobenzene	6.804	146	385537	41.343	ng	98
14) 1,2-Dichlorobenzene	6.957	146	368961	42.075	ng	98
15) Benzyl Alcohol	6.934	79	292473	46.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	393237	41.263	ng	95
17) 2-Methylphenol	7.051	107	296859	44.951	ng	93
18) Hexachloroethane	7.292	117	136988	42.075	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	233904	43.404	ng	99
20) 3+4-Methylphenols	7.204	107	364311	44.443	ng	# 81
22) Acetophenone	7.198	105	487790	42.818	ng	# 96
24) Nitrobenzene	7.369	77	354086	41.246	ng	99
25) Isophorone	7.610	82	651584	42.499	ng	97
26) 2-Nitrophenol	7.687	139	196501	46.559	ng	94
27) 2,4-Dimethylphenol	7.728	122	327632	62.957	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	412528	43.787	ng	99
29) 2,4-Dichlorophenol	7.928	162	312018	45.424	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	340091	42.460	ng	97
31) Naphthalene	8.087	128	1071276	42.108	ng	99
32) Benzoic acid	7.869	122	216694	41.975	ng	97
33) 4-Chloroaniline	8.140	127	171512	18.910	ng	97
34) Hexachlorobutadiene	8.204	225	195228	41.127	ng	98
35) Caprolactam	8.522	113	99201m	46.896	ng	
36) 4-Chloro-3-methylphenol	8.634	107	330515	45.317	ng	98
37) 2-Methylnaphthalene	8.781	142	702793	43.421	ng	95
38) 1-Methylnaphthalene	8.881	142	653270	41.132	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	333306	43.245	ng	99
41) Hexachlorocyclopentadiene	8.934	237	400319	140.197	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	223529	44.541	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	245334	43.801	ng	# 93
46) 1,1'-Biphenyl	9.245	154	892682	42.348	ng	98
47) 2-Chloronaphthalene	9.269	162	681223	41.521	ng	97
48) 2-Nitroaniline	9.375	65	193360	43.942	ng	88
49) Acenaphthylene	9.686	152	1037873	44.407	ng	98
50) Dimethylphthalate	9.557	163	805324	44.154	ng	99
51) 2,6-Dinitrotoluene	9.616	165	176938	43.121	ng	95
52) Acenaphthene	9.863	154	648785	43.319	ng	95
53) 3-Nitroaniline	9.786	138	124279	29.660	ng	97
54) 2,4-Dinitrophenol	9.898	184	191259	92.190	ng	95
55) Dibenzofuran	10.033	168	942359	43.070	ng	99
56) 4-Nitrophenol	9.963	139	288776	91.933	ng	98
57) 2,4-Dinitrotoluene	10.022	165	234363	43.175	ng	94
58) Fluorene	10.375	166	752156	42.825	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	212614	47.389	ng	99
60) Diethylphthalate	10.257	149	773900	43.150	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	371135	43.347	ng	97
62) 4-Nitroaniline	10.410	138	185459	44.575	ng	99
63) Azobenzene	10.533	77	686646	42.062	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	137100	47.667	ng	90
66) n-Nitrosodiphenylamine	10.492	169	674320	45.250	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	242104	44.838	ng	98
68) Hexachlorobenzene	10.922	284	275762	44.188	ng	98
69) Atrazine	11.028	200	235572	55.386	ng	97
70) Pentachlorophenol	11.122	266	278495	79.070	ng	97
71) Phenanthrene	11.345	178	1147288	44.945	ng	99
72) Anthracene	11.392	178	1180091	45.899	ng	99
73) Carbazole	11.551	167	1024449	45.019	ng	99
74) Di-n-butylphthalate	11.886	149	1260306	45.178	ng	99
75) Fluoranthene	12.533	202	1180381	44.126	ng	97
77) Benzidine	12.657	184	299892	44.032	ng	99
78) Pyrene	12.763	202	1194854	43.623	ng	99
80) Butylbenzylphthalate	13.392	149	467381	47.934	ng	97
81) Benzo(a)anthracene	13.957	228	874613	44.895	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	188122	34.441	ng	97
83) Chrysene	13.998	228	845751	44.125	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	614365	51.397	ng	# 97
85) Di-n-octyl phthalate	14.568	149	948244	53.706	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	802740	47.100	ng	100
88) Benzo(b)fluoranthene	15.010	252	780784	46.549	ng	98
89) Benzo(k)fluoranthene	15.045	252	693016	43.841	ng	99
90) Benzo(a)pyrene	15.380	252	638346	46.083	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	670907	48.051	ng	99
92) Benzo(g,h,i)perylene	17.409	276	650613	45.399	ng	98

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

