

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133723.D
 Acq On : 13 Jun 2023 10:49
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153230BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 11:28:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88897	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	340861	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	177501	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	338111	20.000	ng	0.00
76) Chrysene-d12	14.010	240	183600	20.000	ng	0.00
86) Perylene-d12	15.474	264	153767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	687068	134.551	ng	0.02
7) Phenol-d6	6.475	99	825976	124.267	ng	0.00
23) Nitrobenzene-d5	7.404	82	585000	93.478	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	284193	126.485	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1072837	85.918	ng	0.00
79) Terphenyl-d14	12.957	244	1199473	101.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	79745	35.522	ng	96
3) Pyridine	3.399	79	216351	33.064	ng	98
4) n-Nitrosodimethylamine	3.352	42	163767	45.278	ng	96
6) Aniline	6.498	93	270899	32.359	ng	99
8) 2-Chlorophenol	6.622	128	258953	48.121	ng	95
9) Benzaldehyde	6.387	77	130893	29.682	ng	98
10) Phenol	6.487	94	302407	43.571	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	237791	46.150	ng	98
12) 1,3-Dichlorobenzene	6.775	146	277379	48.243	ng	97
13) 1,4-Dichlorobenzene	6.851	146	278759	47.969	ng	97
14) 1,2-Dichlorobenzene	7.004	146	267221	50.889	ng	99
15) Benzyl Alcohol	6.981	79	245991	47.385	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	426067	48.780	ng	99
17) 2-Methylphenol	7.092	107	211369	44.314	ng	98
18) Hexachloroethane	7.345	117	108574	54.574	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	193656	45.792	ng	95
20) 3+4-Methylphenols	7.245	107	262975	42.382	ng	# 85
22) Acetophenone	7.251	105	368946	47.193	ng	# 97
24) Nitrobenzene	7.422	77	286402	45.449	ng	98
25) Isophorone	7.657	82	522072	45.440	ng	99
26) 2-Nitrophenol	7.739	139	139485	49.322	ng	96
27) 2,4-Dimethylphenol	7.775	122	222562	45.659	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	300935	45.319	ng	98
29) 2,4-Dichlorophenol	7.981	162	215598	45.129	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	230833	46.311	ng	100
31) Naphthalene	8.145	128	732849	44.130	ng	100
32) Benzoic acid	7.898	122	152067m	49.465	ng	
33) 4-Chloroaniline	8.187	127	109378	15.404	ng	99
34) Hexachlorobutadiene	8.257	225	152822	46.829	ng	99
35) Caprolactam	8.575	113	71033m	44.187	ng	
36) 4-Chloro-3-methylphenol	8.675	107	250430	45.478	ng	98
37) 2-Methylnaphthalene	8.834	142	498033	43.162	ng	100
38) 1-Methylnaphthalene	8.934	142	462078	43.519	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	238164	44.136	ng	# 98
41) Hexachlorocyclopentadiene	8.986	237	326908	135.945	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	160242	44.438	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	170486	40.639	ng	96
46) 1,1'-Biphenyl	9.298	154	631059	44.082	ng	99
47) 2-Chloronaphthalene	9.328	162	463950	45.180	ng	99
48) 2-Nitroaniline	9.422	65	166331	44.289	ng	96
49) Acenaphthylene	9.739	152	767525	42.943	ng	100
50) Dimethylphthalate	9.604	163	564432	42.602	ng	99
51) 2,6-Dinitrotoluene	9.663	165	121232	44.331	ng	# 70
52) Acenaphthene	9.916	154	455729	43.562	ng	100
53) 3-Nitroaniline	9.833	138	80668	24.239	ng	89
54) 2,4-Dinitrophenol	9.945	184	140236	103.157	ng	88
55) Dibenzofuran	10.086	168	700807	43.901	ng	96
56) 4-Nitrophenol	9.998	139	209390	93.227	ng	# 72
57) 2,4-Dinitrotoluene	10.075	165	163625	47.045	ng	95
58) Fluorene	10.428	166	542362	44.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	148523	47.288	ng	97
60) Diethylphthalate	10.304	149	595800	44.185	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	260095	43.158	ng	94
62) 4-Nitroaniline	10.451	138	137006	41.988	ng	90
63) Azobenzene	10.580	77	565205	44.277	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	90389	55.946	ng	80
66) n-Nitrosodiphenylamine	10.539	169	481566	42.402	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	160625	42.564	ng	98
68) Hexachlorobenzene	10.975	284	179841	45.318	ng	96
69) Atrazine	11.069	200	162910	49.437	ng	97
70) Pentachlorophenol	11.175	266	197750	83.217	ng	98
71) Phenanthrene	11.392	178	772428	45.029	ng	100
72) Anthracene	11.445	178	780034	43.611	ng	99
73) Carbazole	11.598	167	735222	44.134	ng	100
74) Di-n-butylphthalate	11.927	149	916601	42.919	ng	99
75) Fluoranthene	12.580	202	822396	45.146	ng	98
77) Benzidine	12.704	184	301140	48.879	ng	98
78) Pyrene	12.816	202	824112	48.185	ng	100
80) Butylbenzylphthalate	13.427	149	326094	45.163	ng	95
81) Benzo(a)anthracene	14.004	228	583102	45.915	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	101574	24.058	ng	99
83) Chrysene	14.039	228	529605	44.091	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	385392	43.350	ng	96
85) Di-n-octyl phthalate	14.604	149	581502	46.028	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	602946	56.996	ng	99
88) Benzo(b)fluoranthene	15.051	252	461159	49.371	ng	99
89) Benzo(k)fluoranthene	15.080	252	438585	48.202	ng	98
90) Benzo(a)pyrene	15.415	252	396311	45.717	ng	97
91) Dibenzo(a,h)anthracene	16.968	278	495083	56.529	ng	100
92) Benzo(g,h,i)perylene	17.398	276	497135	57.251	ng	98

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

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