

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135950.D
 Acq On : 25 Oct 2023 19:56
 Operator : CG\JU
 Sample : PB156255BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:32:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	174333	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	692966	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341227	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	633449	20.000	ng	0.00
76) Chrysene-d12	14.010	240	402990	20.000	ng	0.00
86) Perylene-d12	15.486	264	385966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1494966	132.418	ng	0.02
7) Phenol-d6	6.463	99	1853857	131.897	ng	0.00
23) Nitrobenzene-d5	7.393	82	1040836	95.613	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	498655	166.956	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1868287	87.672	ng	0.00
79) Terphenyl-d14	12.951	244	2326278	96.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	186563	35.574	ng	98
3) Pyridine	3.457	79	492554	34.027	ng	98
4) n-Nitrosodimethylamine	3.428	42	272407	43.159	ng	98
6) Aniline	6.487	93	641585	33.900	ng	100
8) 2-Chlorophenol	6.604	128	560139	47.926	ng	98
9) Benzaldehyde	6.369	77	89133	11.723	ng	97
10) Phenol	6.475	94	680238m	46.294	ng	
11) bis(2-Chloroethyl)ether	6.563	93	519016	45.379	ng	96
12) 1,3-Dichlorobenzene	6.763	146	570039	45.918	ng	99
13) 1,4-Dichlorobenzene	6.840	146	577607	46.327	ng	97
14) 1,2-Dichlorobenzene	6.993	146	545889	47.149	ng	98
15) Benzyl Alcohol	6.969	79	432617	43.541	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	762007	45.240	ng	99
17) 2-Methylphenol	7.075	107	439369	42.654	ng	98
18) Hexachloroethane	7.334	117	204270	48.183	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	354948	44.409	ng	96
20) 3+4-Methylphenols	7.228	107	528575	42.516	ng	98
22) Acetophenone	7.240	105	716760	45.796	ng	# 90
24) Nitrobenzene	7.410	77	542106	47.280	ng	100
25) Isophorone	7.645	82	990809	45.234	ng	99
26) 2-Nitrophenol	7.722	139	242825	55.969	ng	97
27) 2,4-Dimethylphenol	7.757	122	418626	41.934	ng	96
28) bis(2-Chloroethoxy)met...	7.857	93	610506	45.388	ng	99
29) 2,4-Dichlorophenol	7.963	162	442907	49.545	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	481399	47.561	ng	99
31) Naphthalene	8.128	128	1503064	44.863	ng	100
32) Benzoic acid	7.887	122	292113	55.553	ng	89
33) 4-Chloroaniline	8.175	127	328026	22.152	ng	98
34) Hexachlorobutadiene	8.245	225	265760	46.584	ng	100
35) Caprolactam	8.551	113	156141m	52.486	ng	
36) 4-Chloro-3-methylphenol	8.657	107	461307	48.558	ng	99
37) 2-Methylnaphthalene	8.816	142	953563	43.017	ng	98
38) 1-Methylnaphthalene	8.916	142	929963	44.898	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	440621	45.719	ng	99
41) Hexachlorocyclopentadiene	8.975	237	488766	102.851	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	291892	51.747	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	329803	49.244	ng	95
46) 1,1'-Biphenyl	9.287	154	1191259	46.073	ng	100
47) 2-Chloronaphthalene	9.310	162	920416	48.127	ng	99
48) 2-Nitroaniline	9.404	65	279232	52.349	ng	98
49) Acenaphthylene	9.728	152	1456650	48.280	ng	99
50) Dimethylphthalate	9.592	163	1042035	47.090	ng	100
51) 2,6-Dinitrotoluene	9.651	165	232002	50.311	ng	# 84
52) Acenaphthene	9.898	154	984135m	50.897	ng	
53) 3-Nitroaniline	9.816	138	198369	37.264	ng	95
54) 2,4-Dinitrophenol	9.922	184	191237	94.567	ng	97
55) Dibenzofuran	10.069	168	1304417	46.697	ng	100
56) 4-Nitrophenol	9.975	139	449454	99.085	ng	91
57) 2,4-Dinitrotoluene	10.051	165	313315	54.304	ng	96
58) Fluorene	10.416	166	961055	45.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	281626	55.881	ng	99
60) Diethylphthalate	10.298	149	995468	47.175	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	457331	45.366	ng	98
62) 4-Nitroaniline	10.439	138	258407	47.586	ng	92
63) Azobenzene	10.569	77	980896	45.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	129309	57.282	ng	99
66) n-Nitrosodiphenylamine	10.528	169	905738	47.330	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	302408	46.616	ng	97
68) Hexachlorobenzene	10.957	284	354017	51.085	ng	97
69) Atrazine	11.063	200	300136	57.533	ng	99
70) Pentachlorophenol	11.157	266	411264	92.884	ng	99
71) Phenanthrene	11.381	178	1537327	47.970	ng	99
72) Anthracene	11.433	178	1545470	47.097	ng	99
73) Carbazole	11.586	167	1417015	48.408	ng	99
74) Di-n-butylphthalate	11.928	149	1548987	49.728	ng	100
75) Fluoranthene	12.569	202	1626962	48.255	ng	97
77) Benzidine	12.698	184	438169	56.388	ng	100
78) Pyrene	12.804	202	1672330	49.424	ng	99
80) Butylbenzylphthalate	13.433	149	633751	49.435	ng	95
81) Benzo(a)anthracene	13.998	228	1335164	48.727	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	347061	41.632	ng	99
83) Chrysene	14.033	228	1275320	47.787	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	745027	53.545	ng	99
85) Di-n-octyl phthalate	14.621	149	1213815	55.378	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1215069	55.519	ng	99
88) Benzo(b)fluoranthene	15.057	252	1181251	51.426	ng	99
89) Benzo(k)fluoranthene	15.086	252	1076812	47.733	ng	100
90) Benzo(a)pyrene	15.427	252	1002313	47.346	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1013187	54.123	ng	100
92) Benzo(g,h,i)perylene	17.457	276	966749	45.623	ng	99

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

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