

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135948.D
 Acq On : 25 Oct 2023 18:53
 Operator : CG\JU
 Sample : PB156138BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:31:40 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	174127	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	682507	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	343644	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	639795	20.000	ng	0.00
76) Chrysene-d12	14.009	240	396864	20.000	ng	0.00
86) Perylene-d12	15.486	264	369357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1487122	131.879	ng	0.02
7) Phenol-d6	6.463	99	1848086	131.642	ng	0.00
23) Nitrobenzene-d5	7.392	82	1037438	96.644	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	489641	162.785	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1883026	87.742	ng	0.00
79) Terphenyl-d14	12.951	244	2316356	97.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	186303	35.566	ng	99
3) Pyridine	3.463	79	497265	34.394	ng	98
4) n-Nitrosodimethylamine	3.428	42	272986	43.302	ng	96
6) Aniline	6.486	93	643874	34.061	ng	99
8) 2-Chlorophenol	6.610	128	565510	48.443	ng	97
9) Benzaldehyde	6.369	77	89995	11.850	ng	96
10) Phenol	6.475	94	686936m	46.805	ng	
11) bis(2-Chloroethyl)ether	6.563	93	521900	45.685	ng	96
12) 1,3-Dichlorobenzene	6.763	146	567995	45.808	ng	99
13) 1,4-Dichlorobenzene	6.839	146	575833	46.240	ng	97
14) 1,2-Dichlorobenzene	6.992	146	545721	47.191	ng	99
15) Benzyl Alcohol	6.969	79	429777	43.306	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	753010	44.759	ng	100
17) 2-Methylphenol	7.075	107	437140	42.487	ng	99
18) Hexachloroethane	7.333	117	202593	47.844	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	354146	44.361	ng	96
20) 3+4-Methylphenols	7.228	107	532811	42.908	ng	96
22) Acetophenone	7.239	105	715698	46.429	ng	# 90
24) Nitrobenzene	7.410	77	537290	47.562	ng	99
25) Isophorone	7.645	82	984015	45.612	ng	99
26) 2-Nitrophenol	7.722	139	234519	55.276	ng	98
27) 2,4-Dimethylphenol	7.757	122	427599	43.489	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	607490	45.856	ng	99
29) 2,4-Dichlorophenol	7.957	162	432456	49.117	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	471303	47.277	ng	99
31) Naphthalene	8.128	128	1492666	45.236	ng	100
32) Benzoic acid	7.886	122	295626	56.464	ng	90
33) 4-Chloroaniline	8.175	127	317097	21.742	ng	97
34) Hexachlorobutadiene	8.245	225	261395	46.521	ng	99
35) Caprolactam	8.545	113	154462m	52.718	ng	
36) 4-Chloro-3-methylphenol	8.657	107	460468	49.213	ng	98
37) 2-Methylnaphthalene	8.816	142	945389	43.302	ng	99
38) 1-Methylnaphthalene	8.916	142	928410	45.510	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	435786	44.899	ng	99
41) Hexachlorocyclopentadiene	8.975	237	487247	101.811	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	290394	51.119	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	326872	48.463	ng	96
46) 1,1'-Biphenyl	9.286	154	1184775	45.500	ng	99
47) 2-Chloronaphthalene	9.310	162	913001	47.404	ng	98
48) 2-Nitroaniline	9.404	65	273794	51.245	ng	98
49) Acenaphthylene	9.727	152	1463691	48.172	ng	99
50) Dimethylphthalate	9.592	163	1025827	46.032	ng	99
51) 2,6-Dinitrotoluene	9.651	165	230005	49.603	ng	# 84
52) Acenaphthene	9.898	154	970681m	49.848	ng	
53) 3-Nitroaniline	9.816	138	195666	36.592	ng	95
54) 2,4-Dinitrophenol	9.922	184	185469	92.712	ng	96
55) Dibenzofuran	10.069	168	1293045	45.965	ng	99
56) 4-Nitrophenol	9.974	139	448772	98.291	ng	91
57) 2,4-Dinitrotoluene	10.051	165	307830	53.120	ng	92
58) Fluorene	10.416	166	963015	45.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	280530	55.272	ng	99
60) Diethylphthalate	10.298	149	992129	46.687	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	455476	44.865	ng	99
62) 4-Nitroaniline	10.439	138	262500	47.960	ng	94
63) Azobenzene	10.569	77	986700	45.753	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	122991	55.128	ng	96
66) n-Nitrosodiphenylamine	10.527	169	898793	46.502	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	306089	46.715	ng	99
68) Hexachlorobenzene	10.957	284	346808	49.549	ng	99
69) Atrazine	11.063	200	298011	56.559	ng	99
70) Pentachlorophenol	11.157	266	401857	89.996	ng	99
71) Phenanthrene	11.380	178	1533549	47.377	ng	99
72) Anthracene	11.433	178	1543823	46.580	ng	99
73) Carbazole	11.586	167	1415837	47.888	ng	99
74) Di-n-butylphthalate	11.927	149	1523740	48.433	ng	100
75) Fluoranthene	12.574	202	1629007	47.837	ng	99
77) Benzidine	12.698	184	415604	54.310	ng	100
78) Pyrene	12.804	202	1667935	50.055	ng	100
80) Butylbenzylphthalate	13.433	149	626338	49.597	ng	94
81) Benzo(a)anthracene	13.998	228	1346926	49.915	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	342740	41.748	ng	99
83) Chrysene	14.033	228	1259342	47.917	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	729176	53.215	ng	100
85) Di-n-octyl phthalate	14.621	149	1176217	54.491	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1187166	56.683	ng	99
88) Benzo(b)fluoranthene	15.057	252	1121288	51.011	ng	100
89) Benzo(k)fluoranthene	15.086	252	1047473	48.520	ng	99
90) Benzo(a)pyrene	15.427	252	967471	47.756	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	982018	54.817	ng	100
92) Benzo(g,h,i)perylene	17.456	276	964189	47.389	ng	99

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

