

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135600.D
 Acq On : 05 Oct 2023 15:24
 Operator : CG\JU
 Sample : PB156098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156098BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 03:33:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	148349	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	564094	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	292182	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	566386	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	316760	20.000	ng	0.00
86) Perylene-d12	15.392	264	281790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1158763	127.043	ng	0.02
7) Phenol-d6	6.398	99	1413530	121.878	ng	0.01
23) Nitrobenzene-d5	7.310	82	938429	90.383	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	345582	119.019	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1539388	79.488	ng	0.00
79) Terphenyl-d14	12.869	244	1680539	82.244	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	162195	40.564	ng	94
3) Pyridine	3.293	79	409950	38.094	ng	95
4) n-Nitrosodimethylamine	3.240	42	270619	47.389	ng	97
6) Aniline	6.410	93	475689	31.277	ng	# 14
8) 2-Chlorophenol	6.528	128	467952	48.060	ng	99
9) Benzaldehyde	6.298	77	100708	15.242	ng	98
10) Phenol	6.410	94	533880	41.980	ng	84
11) bis(2-Chloroethyl)ether	6.481	93	467543	49.011	ng	98
12) 1,3-Dichlorobenzene	6.681	146	447699	45.243	ng	98
13) 1,4-Dichlorobenzene	6.757	146	457319	45.425	ng	97
14) 1,2-Dichlorobenzene	6.904	146	416278	44.525	ng	97
15) Benzyl Alcohol	6.893	79	378580	45.489	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	792692	44.084	ng	65
17) 2-Methylphenol	7.010	107	349870	40.719	ng	# 92
18) Hexachloroethane	7.240	117	172891	46.478	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	298232	41.515	ng	94
20) 3+4-Methylphenols	7.163	107	446771	43.242	ng	# 74
22) Acetophenone	7.151	105	582581	45.173	ng	92
24) Nitrobenzene	7.328	77	486853	47.441	ng	98
25) Isophorone	7.563	82	900688	47.241	ng	97
26) 2-Nitrophenol	7.640	139	241250	48.981	ng	99
27) 2,4-Dimethylphenol	7.687	122	355724	42.967	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	556781	48.792	ng	99
29) 2,4-Dichlorophenol	7.887	162	374970	48.879	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	372560	46.463	ng	100
31) Naphthalene	8.040	128	1236133	45.102	ng	99
32) Benzoic acid	7.840	122	294852	47.296	ng	98
33) 4-Chloroaniline	8.098	127	344193	28.623	ng	99
34) Hexachlorobutadiene	8.151	225	214565	44.378	ng	99
35) Caprolactam	8.481	113	124478m	48.347	ng	
36) 4-Chloro-3-methylphenol	8.598	107	402780	47.240	ng	96
37) 2-Methylnaphthalene	8.734	142	780679	42.374	ng	100
38) 1-Methylnaphthalene	8.834	142	751663	43.578	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	363471	42.939	ng	99
41) Hexachlorocyclopentadiene	8.881	237	196280	55.151	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	250152	45.136	ng	98

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44) 2,4,5-Trichlorophenol	9.069	196	262551	41.136	ng	96
46) 1,1'-Biphenyl	9.198	154	989342	44.061	ng	98
47) 2-Chloronaphthalene	9.228	162	748381	45.937	ng	99
48) 2-Nitroaniline	9.334	65	303585	47.966	ng	97
49) Acenaphthylene	9.639	152	1201645	44.382	ng	99
50) Dimethylphthalate	9.510	163	902330	45.677	ng	99
51) 2,6-Dinitrotoluene	9.581	165	203031	46.916	ng	# 83
52) Acenaphthene	9.810	154	704167	44.025	ng	98
53) 3-Nitroaniline	9.751	138	186610	36.736	ng	92
54) 2,4-Dinitrophenol	9.869	184	212435	85.965	ng	93
55) Dibenzofuran	9.986	168	1015371	41.601	ng	98
56) 4-Nitrophenol	9.939	139	271352	84.049	ng	93
57) 2,4-Dinitrotoluene	9.992	165	236707	43.691	ng	96
58) Fluorene	10.333	166	819229	43.661	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	223643	45.551	ng	98
60) Diethylphthalate	10.210	149	910268	45.914	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	377413	41.872	ng	97
62) 4-Nitroaniline	10.375	138	224734	46.024	ng	98
63) Azobenzene	10.486	77	919154	47.372	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	145123	48.242	ng	94
66) n-Nitrosodiphenylamine	10.445	169	777245	45.328	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	247906	44.009	ng	97
68) Hexachlorobenzene	10.881	284	265999	46.350	ng	95
69) Atrazine	10.980	200	244087	52.904	ng	96
70) Pentachlorophenol	11.086	266	235412	68.562	ng	97
71) Phenanthrene	11.298	178	1221765	45.609	ng	98
72) Anthracene	11.351	178	1242711	45.132	ng	100
73) Carbazole	11.510	167	1226416	48.928	ng	99
74) Di-n-butylphthalate	11.839	149	1450562	49.112	ng	99
75) Fluoranthene	12.492	202	1336136	47.869	ng	98
77) Benzidine	12.622	184	452260	69.692	ng	100
78) Pyrene	12.722	202	1363869	45.224	ng	100
80) Butylbenzylphthalate	13.345	149	584661	55.063	ng	96
81) Benzo(a)anthracene	13.921	228	983706	48.093	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	291430	45.615	ng	98
83) Chrysene	13.957	228	931044	45.783	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	742337	68.129	ng	# 99
85) Di-n-octyl phthalate	14.521	149	1066127	61.569	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	925556	50.095	ng	97
88) Benzo(b)fluoranthene	14.968	252	799571	52.416	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	670577	44.502	ng	# 97
90) Benzo(a)pyrene	15.333	252	673968	46.330	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	761365	50.364	ng	99
92) Benzo(g,h,i)perylene	17.333	276	804484	50.955	ng	98

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

