

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134285.D
 Acq On : 14 Jul 2023 11:56
 Operator : CG\JU
 Sample : PB154085BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BS

Quant Time: Jul 15 00:22:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	69516	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	268422	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	137803	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	272678	20.000	ng	0.00
76) Chrysene-d12	14.045	240	218857	20.000	ng	0.00
86) Perylene-d12	15.545	264	211961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	405149	97.491	ng	0.01
7) Phenol-d6	6.487	99	489018	95.684	ng	0.00
23) Nitrobenzene-d5	7.410	82	339860	68.252	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	201109	116.398	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	692466	73.059	ng	0.00
79) Terphenyl-d14	12.974	244	923279	67.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	37380	21.815	ng	99
3) Pyridine	3.446	79	96200	21.553	ng	96
4) n-Nitrosodimethylamine	3.387	42	74185	29.102	ng	# 99
6) Aniline	6.510	93	200325	32.211	ng	97
8) 2-Chlorophenol	6.628	128	148942	35.306	ng	99
9) Benzaldehyde	6.398	77	88925	29.532	ng	94
10) Phenol	6.498	94	186478	34.703	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	128844	32.568	ng	95
12) 1,3-Dichlorobenzene	6.781	146	153961	34.233	ng	98
13) 1,4-Dichlorobenzene	6.863	146	154988	34.118	ng	98
14) 1,2-Dichlorobenzene	7.010	146	149882	35.230	ng	99
15) Benzyl Alcohol	6.987	79	139497	35.406	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	214601	30.662	ng	93
17) 2-Methylphenol	7.098	107	125191	33.140	ng	97
18) Hexachloroethane	7.351	117	60765	36.076	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	112745	34.786	ng	98
20) 3+4-Methylphenols	7.251	107	158597	34.606	ng	96
22) Acetophenone	7.251	105	217419	35.616	ng	# 99
24) Nitrobenzene	7.428	77	166381	33.065	ng	96
25) Isophorone	7.663	82	300775	33.235	ng	99
26) 2-Nitrophenol	7.739	139	82680	34.252	ng	89
27) 2,4-Dimethylphenol	7.781	122	134159	35.111	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	172261	32.873	ng	97
29) 2,4-Dichlorophenol	7.986	162	130726	34.502	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135315	34.611	ng	98
31) Naphthalene	8.145	128	432903	33.389	ng	99
32) Benzoic acid	7.898	122	95658	33.409	ng	92
33) 4-Chloroaniline	8.198	127	136034	24.527	ng	98
34) Hexachlorobutadiene	8.257	225	88613	35.931	ng	98
35) Caprolactam	8.569	113	45207m	36.236	ng	
36) 4-Chloro-3-methylphenol	8.681	107	155836	36.611	ng	95
37) 2-Methylnaphthalene	8.839	142	303540	33.106	ng	98
38) 1-Methylnaphthalene	8.939	142	281721	33.052	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	145697	35.687	ng	99
41) Hexachlorocyclopentadiene	8.986	237	133906	69.135	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	98246	35.350	ng	99

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44) 2,4,5-Trichlorophenol	9.163	196	106164	32.475	ng	97
46) 1,1'-Biphenyl	9.304	154	385253	34.852	ng	98
47) 2-Chloronaphthalene	9.328	162	288438	35.663	ng	98
48) 2-Nitroaniline	9.428	65	103550	35.130	ng	98
49) Acenaphthylene	9.745	152	486312	35.199	ng	99
50) Dimethylphthalate	9.604	163	358528	35.842	ng	99
51) 2,6-Dinitrotoluene	9.675	165	79098	36.713	ng	98
52) Acenaphthene	9.916	154	284614	35.502	ng	98
53) 3-Nitroaniline	9.845	138	76159	29.465	ng	99
54) 2,4-Dinitrophenol	9.957	184	88051	71.212	ng	94
55) Dibenzofuran	10.092	168	441232	35.217	ng	99
56) 4-Nitrophenol	10.016	139	120343	66.563	ng	95
57) 2,4-Dinitrotoluene	10.080	165	107136	37.653	ng	95
58) Fluorene	10.433	166	356747	36.599	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	94299	36.569	ng	99
60) Diethylphthalate	10.310	149	383328	36.782	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	172069	36.630	ng	99
62) 4-Nitroaniline	10.463	138	88058	33.805	ng	91
63) Azobenzene	10.586	77	345736	35.071	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	59670	40.138	ng	89
66) n-Nitrosodiphenylamine	10.545	169	312493	35.869	ng	97
67) 4-Bromophenyl-phenylether	10.922	248	107771	37.185	ng	96
68) Hexachlorobenzene	10.986	284	125609	40.819	ng	96
69) Atrazine	11.080	200	107995	44.814	ng	98
70) Pentachlorophenol	11.186	266	120671	65.584	ng	97
71) Phenanthrene	11.404	178	516524	37.628	ng	100
72) Anthracene	11.457	178	531864	37.251	ng	99
73) Carbazole	11.616	167	507985	38.871	ng	100
74) Di-n-butylphthalate	11.939	149	628938	40.470	ng	99
75) Fluoranthene	12.598	202	589816	39.744	ng	99
77) Benzidine	12.727	184	395244	75.898	ng	99
78) Pyrene	12.833	202	600943	29.505	ng	99
80) Butylbenzylphthalate	13.451	149	266001	34.822	ng	99
81) Benzo(a)anthracene	14.033	228	546949	36.035	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	179107	37.246	ng	98
83) Chrysene	14.068	228	517267	35.186	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	363747	41.441	ng	99
85) Di-n-octyl phthalate	14.633	149	613243	47.548	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	504135	34.276	ng	97
88) Benzo(b)fluoranthene	15.104	252	492322	39.501	ng	98
89) Benzo(k)fluoranthene	15.133	252	499742	39.382	ng	99
90) Benzo(a)pyrene	15.486	252	428936	35.590	ng	# 98
91) Dibenzo(a,h)anthracene	17.115	278	418159	34.808	ng	95
92) Benzo(g,h,i)perylene	17.568	276	401254	32.389	ng	# 95

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

