

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133746.D
 Acq On : 14 Jun 2023 11:33
 Operator : CG\JU
 Sample : PB153266BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153266BS

Quant Time: Jun 14 12:13:47 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105025	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	400935	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	195788	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	380116	20.000	ng	0.00
76) Chrysene-d12	14.010	240	194897	20.000	ng	0.00
86) Perylene-d12	15.468	264	209790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	738953	122.489	ng	0.01
7) Phenol-d6	6.469	99	894650	113.929	ng	0.00
23) Nitrobenzene-d5	7.404	82	612808	83.250	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	278927	112.546	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1106946	80.370	ng	0.00
79) Terphenyl-d14	12.951	244	1139509	90.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	84763	31.959	ng	98
3) Pyridine	3.375	79	226318	29.276	ng	98
4) n-Nitrosodimethylamine	3.322	42	176953	41.410	ng	100
6) Aniline	6.492	93	349194	35.306	ng	95
8) 2-Chlorophenol	6.616	128	279223	43.919	ng	98
9) Benzaldehyde	6.381	77	143815	27.604	ng	95
10) Phenol	6.486	94	337801	41.197	ng	85
11) bis(2-Chloroethyl)ether	6.569	93	255668	41.999	ng	94
12) 1,3-Dichlorobenzene	6.775	146	295096	43.443	ng	99
13) 1,4-Dichlorobenzene	6.851	146	296977	43.256	ng	98
14) 1,2-Dichlorobenzene	7.004	146	284511	45.862	ng	98
15) Benzyl Alcohol	6.975	79	260611	42.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	454765	44.070	ng	99
17) 2-Methylphenol	7.086	107	230090	40.832	ng	99
18) Hexachloroethane	7.345	117	112457	47.846	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	195005	39.030	ng	98
20) 3+4-Methylphenols	7.239	107	276562	37.727	ng	97
22) Acetophenone	7.245	105	382974	41.647	ng	95
24) Nitrobenzene	7.422	77	305816	41.259	ng	99
25) Isophorone	7.657	82	533105	39.448	ng	99
26) 2-Nitrophenol	7.733	139	150282	45.177	ng	98
27) 2,4-Dimethylphenol	7.769	122	239502	41.772	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	312322	39.987	ng	98
29) 2,4-Dichlorophenol	7.975	162	229068	40.764	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	243322	41.503	ng	97
31) Naphthalene	8.139	128	767068	39.269	ng	99
32) Benzoic acid	7.892	122	179023m	49.508	ng	
33) 4-Chloroaniline	8.186	127	207388	24.830	ng	98
34) Hexachlorobutadiene	8.251	225	153136	39.894	ng	98
35) Caprolactam	8.563	113	80175m	42.401	ng	
36) 4-Chloro-3-methylphenol	8.669	107	261115	40.313	ng	97
37) 2-Methylnaphthalene	8.833	142	519106	38.248	ng	99
38) 1-Methylnaphthalene	8.933	142	486859	38.983	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	243162	40.853	ng	98
41) Hexachlorocyclopentadiene	8.980	237	287749	108.484	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	165800	41.685	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	178744	38.628	ng	99
46) 1,1'-Biphenyl	9.298	154	653594	41.391	ng	98
47) 2-Chloronaphthalene	9.322	162	475432	41.974	ng	100
48) 2-Nitroaniline	9.416	65	174225	42.058	ng	96
49) Acenaphthylene	9.739	152	800257	40.592	ng	99
50) Dimethylphthalate	9.598	163	561397	38.415	ng	100
51) 2,6-Dinitrotoluene	9.663	165	125264	41.527	ng	96
52) Acenaphthene	9.910	154	471972	40.900	ng	99
53) 3-Nitroaniline	9.827	138	113574	30.940	ng	86
54) 2,4-Dinitrophenol	9.939	184	145049	97.088	ng	90
55) Dibenzofuran	10.080	168	716914	40.715	ng	97
56) 4-Nitrophenol	9.992	139	222457	89.794	ng	# 76
57) 2,4-Dinitrotoluene	10.069	165	170650	44.483	ng	93
58) Fluorene	10.427	166	564143	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	149084	43.033	ng	97
60) Diethylphthalate	10.298	149	577066	38.798	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	260572	39.198	ng	99
62) 4-Nitroaniline	10.445	138	144846	40.244	ng	97
63) Azobenzene	10.574	77	562790	39.970	ng	97
65) 4,6-Dinitro-2-methylph...	10.474	198	92488	50.919	ng	86
66) n-Nitrosodiphenylamine	10.533	169	490546	38.419	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	163448	38.526	ng	97
68) Hexachlorobenzene	10.969	284	187752	42.083	ng	98
69) Atrazine	11.063	200	158159	42.692	ng	96
70) Pentachlorophenol	11.169	266	194673	72.870	ng	99
71) Phenanthrene	11.386	178	790250	40.977	ng	100
72) Anthracene	11.439	178	811333	40.348	ng	100
73) Carbazole	11.598	167	744906	39.774	ng	99
74) Di-n-butylphthalate	11.921	149	854108	35.574	ng	100
75) Fluoranthene	12.574	202	857218	41.857	ng	97
77) Benzidine	12.698	184	310914	47.541	ng	99
78) Pyrene	12.810	202	866157	47.708	ng	99
80) Butylbenzylphthalate	13.421	149	277338	36.184	ng	96
81) Benzo(a)anthracene	13.998	228	575069	42.657	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	160349	35.777	ng	# 99
83) Chrysene	14.033	228	516791	40.530	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	289425	30.668	ng	99
85) Di-n-octyl phthalate	14.598	149	471572	35.163	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	733025	50.788	ng	98
88) Benzo(b)fluoranthene	15.045	252	549261	43.100	ng	99
89) Benzo(k)fluoranthene	15.074	252	515312	41.511	ng	99
90) Benzo(a)pyrene	15.409	252	489826	41.415	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	599340	50.159	ng	99
92) Benzo(g,h,i)perylene	17.386	276	641007	54.107	ng	97

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

