

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132058.D
 Acq On : 13 Jan 2023 14:23
 Operator : CG\JU
 Sample : PB150221BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jan 16 01:16:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							01/16/2023
1) 1,4-Dichlorobenzene-d4	6.775	152	71982	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	8.063	136	263534	20.000	ng	0.00	
39) Acenaphthene-d10	9.827	164	157235	20.000	ng	0.00	
64) Phenanthrene-d10	11.316	188	298734	20.000	ng	0.00	
76) Chrysene-d12	13.968	240	173885	20.000	ng	0.00	
86) Perylene-d12	15.421	264	131902	20.000	ng	0.00	01/18/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	598369	136.976	ng	0.02	
7) Phenol-d6	6.434	99	752556	129.930	ng	0.01	
23) Nitrobenzene-d5	7.351	82	536626	84.512	ng	0.00	
42) 2,4,6-Tribromophenol	10.627	330	223864	123.828	ng	0.00	
45) 2-Fluorobiphenyl	9.145	172	932903	80.096	ng	0.00	
79) Terphenyl-d14	12.910	244	1121168	92.414	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	70291	36.842	ng		98
3) Pyridine	3.246	79	184273	34.414	ng		98
4) n-Nitrosodimethylamine	3.216	42	111126	44.158	ng		92
6) Aniline	6.439	93	169383	22.227	ng	#	1
8) 2-Chlorophenol	6.563	128	200790	45.812	ng		99
10) Phenol	6.445	94	278802	43.150	ng		88
11) bis(2-Chloroethyl)ether	6.516	93	211106	43.342	ng		99
12) 1,3-Dichlorobenzene	6.710	146	223910	45.867	ng		97
13) 1,4-Dichlorobenzene	6.792	146	226401	45.835	ng		98
14) 1,2-Dichlorobenzene	6.945	146	213667	45.547	ng		99
15) Benzyl Alcohol	6.928	79	220137	43.645	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	262138	42.647	ng	#	1
17) 2-Methylphenol	7.051	107	181051	41.742	ng		92
18) Hexachloroethane	7.281	117	92021	45.049	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	173087	41.311	ng		99
20) 3+4-Methylphenols	7.204	107	233467	41.927	ng	#	68
22) Acetophenone	7.192	105	335214	43.688	ng	#	91
24) Nitrobenzene	7.369	77	271647	42.023	ng		99
25) Isophorone	7.610	82	479842	40.451	ng		100
26) 2-Nitrophenol	7.686	139	110813	43.567	ng		97
27) 2,4-Dimethylphenol	7.733	122	184187	43.384	ng		100
28) bis(2-Chloroethoxy)met...	7.822	93	264809	40.335	ng		99
29) 2,4-Dichlorophenol	7.933	162	186294	42.840	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	213954	42.960	ng		97
31) Naphthalene	8.086	128	581823	41.776	ng		100
32) Benzoic acid	7.892	122	103811	42.176	ng		96
33) 4-Chloroaniline	8.145	127	94071	16.368	ng		95
34) Hexachlorobutadiene	8.198	225	144876	41.957	ng		99
35) Caprolactam	8.533	113	56856m	44.516	ng		
36) 4-Chloro-3-methylphenol	8.645	107	215934	42.308	ng		99
37) 2-Methylnaphthalene	8.780	142	397705	39.760	ng		99
38) 1-Methylnaphthalene	8.880	142	368309	39.744	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	228774	41.290	ng		99
41) Hexachlorocyclopentadiene	8.928	237	160415	60.413	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	134963	40.468	ng		100
44) 2,4,5-Trichlorophenol	9.122	196	145165	37.388	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	9.251	154	498874	41.107	ng	99	01/16/2023
47) 2-Chloronaphthalene	9.275	162	404221	42.914	ng	99	Supervised By :Jagrut Upadhyay
48) 2-Nitroaniline	9.380	65	143868	42.052	ng	98	
49) Acenaphthylene	9.686	152	596376	40.801	ng	100	
50) Dimethylphthalate	9.557	163	486200	39.669	ng	100	
51) 2,6-Dinitrotoluene	9.622	165	106182	41.191	ng	# 82	
52) Acenaphthene	9.863	154	358013	40.804	ng	99	01/18/2023
53) 3-Nitroaniline	9.792	138	59788	23.907	ng	90	
54) 2,4-Dinitrophenol	9.910	184	112357	86.810	ng	98	
55) Dibenzofuran	10.033	168	556658	40.249	ng	98	
56) 4-Nitrophenol	9.986	139	100059	71.031	ng	91	
57) 2,4-Dinitrotoluene	10.033	165	142795	41.433	ng	93	
58) Fluorene	10.380	166	447750	40.527	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.163	232	114047	39.421	ng	91	
60) Diethylphthalate	10.257	149	467513	38.792	ng	99	
61) 4-Chlorophenyl-phenyle...	10.369	204	245375	38.797	ng	96	
62) 4-Nitroaniline	10.422	138	91896	40.865	ng	97	
63) Azobenzene	10.527	77	504216	39.440	ng	98	
65) 4,6-Dinitro-2-methylph...	10.445	198	80053	41.554	ng	93	
66) n-Nitrosodiphenylamine	10.492	169	384886	41.067	ng	99	
67) 4-Bromophenyl-phenylether	10.857	248	146620	39.234	ng	97	
68) Hexachlorobenzene	10.922	284	161116	42.619	ng	# 91	
69) Atrazine	11.022	200	101542	29.793	ng	99	
70) Pentachlorophenol	11.127	266	111013m	56.425	ng		
71) Phenanthrene	11.345	178	658852	42.307	ng	100	
72) Anthracene	11.398	178	662230	41.307	ng	99	
73) Carbazole	11.557	167	577208	43.488	ng	100	
74) Di-n-butylphthalate	11.880	149	736714	39.863	ng	99	
75) Fluoranthene	12.533	202	727278	41.525	ng	99	
77) Benzidine	12.663	184	84266	14.587	ng	98	
78) Pyrene	12.763	202	728657	45.945	ng	99	
80) Butylbenzylphthalate	13.380	149	259163	40.484	ng	99	
81) Benzo(a)anthracene	13.957	228	521767	41.244	ng	99	
82) 3,3'-Dichlorobenzidine	13.921	252	113578	28.767	ng	99	
83) Chrysene	13.992	228	485086	41.030	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.939	149	319439	36.833	ng	99	
85) Di-n-octyl phthalate	14.551	149	434861	36.642	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.892	276	448598	55.454	ng	100	
88) Benzo(b)fluoranthene	15.004	252	413065	45.658	ng	99	
89) Benzo(k)fluoranthene	15.033	252	393867	43.623	ng	100	
90) Benzo(a)pyrene	15.368	252	348742	42.784	ng	99	
91) Dibenzo(a,h)anthracene	16.903	278	385161	56.798	ng	99	
92) Benzo(g,h,i)perylene	17.327	276	390449	53.348	ng	96	

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

