

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132123.D
 Acq On : 18 Jan 2023 17:47
 Operator : CG\JU
 Sample : PB150315BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150315BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 05:20:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	188780	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	689522	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	367139	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	721237	20.000	ng	0.00
76) Chrysene-d12	14.313	240	424557	20.000	ng	0.00
86) Perylene-d12	15.912	264	415622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1254640	118.241	ng	0.02
7) Phenol-d6	6.713	99	1619106	118.116	ng	0.00
23) Nitrobenzene-d5	7.666	82	1092807	84.125	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	512880	127.678	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1775788	84.156	ng	0.00
79) Terphenyl-d14	13.248	244	2141040	81.824	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	198024	35.633	ng	99
3) Pyridine	3.866	79	524859	35.271	ng	99
4) n-Nitrosodimethylamine	3.831	42	304256	42.309	ng	97
6) Aniline	6.760	93	650543m	33.939	ng	
8) 2-Chlorophenol	6.878	128	528980	46.841	ng	98
9) Benzaldehyde	6.648	77	202163	20.990	ng	99
10) Phenol	6.731	94	603530m	42.787	ng	
11) bis(2-Chloroethyl)ether	6.831	93	530304	44.210	ng	98
12) 1,3-Dichlorobenzene	7.042	146	558271	44.920	ng	100
13) 1,4-Dichlorobenzene	7.119	146	554641	44.586	ng	99
14) 1,2-Dichlorobenzene	7.272	146	536403	45.507	ng	97
15) Benzyl Alcohol	7.231	79	478852	43.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.366	45	802396	44.935	ng	99
17) 2-Methylphenol	7.337	107	416872	41.014	ng	99
18) Hexachloroethane	7.613	117	211799	46.195	ng	97
19) n-Nitroso-di-n-propyla...	7.507	70	352307	40.881	ng	97
20) 3+4-Methylphenols	7.489	107	521441	41.333	ng	98
22) Acetophenone	7.507	105	671306	42.206	ng	98
24) Nitrobenzene	7.684	77	573477	42.161	ng	99
25) Isophorone	7.919	82	1075085	41.362	ng	99
26) 2-Nitrophenol	7.995	139	260301	46.968	ng	98
27) 2,4-Dimethylphenol	8.025	122	471895	42.711	ng	100
28) bis(2-Chloroethoxy)met...	8.125	93	610966	40.990	ng	99
29) 2,4-Dichlorophenol	8.236	162	440919	42.586	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	494150	43.676	ng	100
31) Naphthalene	8.407	128	1397523	41.281	ng	99
32) Benzoic acid	8.137	122	327410	43.136	ng	99
33) 4-Chloroaniline	8.448	127	193861	13.042	ng	95
34) Hexachlorobutadiene	8.519	225	329541	44.167	ng	99
35) Caprolactam	8.825	113	146358m	43.502	ng	
36) 4-Chloro-3-methylphenol	8.919	107	456646	42.297	ng	97
37) 2-Methylnaphthalene	9.101	142	934641	39.646	ng	99
38) 1-Methylnaphthalene	9.201	142	868223	39.198	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	495878	42.023	ng	99
41) Hexachlorocyclopentadiene	9.254	237	628639	100.249	ng	100
43) 2,4,6-Trichlorophenol	9.372	196	341307	45.005	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	378123	40.801	ng	97
46) 1,1'-Biphenyl	9.566	154	1148991	42.388	ng	100
47) 2-Chloronaphthalene	9.595	162	904044	42.744	ng	99
48) 2-Nitroaniline	9.683	65	311017	43.134	ng	98
49) Acenaphthylene	10.013	152	1430485	41.737	ng	100
50) Dimethylphthalate	9.866	163	1098637	41.164	ng	99
51) 2,6-Dinitrotoluene	9.925	165	253922	44.724	ng	95
52) Acenaphthene	10.189	154	956141	46.068	ng	100
53) 3-Nitroaniline	10.095	138	169052	28.126	ng	97
54) 2,4-Dinitrophenol	10.201	184	258507	107.164	ng	# 85
55) Dibenzofuran	10.360	168	1307931	40.956	ng	99
56) 4-Nitrophenol	10.248	139	388895	90.563	ng	89
57) 2,4-Dinitrotoluene	10.336	165	321437	45.836	ng	# 83
58) Fluorene	10.707	166	966182	40.796	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.472	232	323643	44.369	ng	99
60) Diethylphthalate	10.566	149	1129045	42.248	ng	100
61) 4-Chlorophenyl-phenyle...	10.689	204	521515	40.969	ng	94
62) 4-Nitroaniline	10.719	138	229398	42.323	ng	97
63) Azobenzene	10.854	77	1073678	41.246	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	163834	48.847	ng	97
66) n-Nitrosodiphenylamine	10.813	169	899622	41.562	ng	100
67) 4-Bromophenyl-phenylether	11.189	248	346497	42.293	ng	97
68) Hexachlorobenzene	11.254	284	376265	45.648	ng	97
69) Atrazine	11.336	200	332872	45.696	ng	100
70) Pentachlorophenol	11.448	266	451611	79.747	ng	98
71) Phenanthrene	11.677	178	1523725	42.736	ng	99
72) Anthracene	11.730	178	1520377	41.938	ng	100
73) Carbazole	11.877	167	1356839	42.893	ng	100
74) Di-n-butylphthalate	12.201	149	1722532	44.841	ng	99
75) Fluoranthene	12.877	202	1674277	43.839	ng	99
77) Benzidine	12.989	184	522976	45.745	ng	98
78) Pyrene	13.107	202	1688945	41.561	ng	99
80) Butylbenzylphthalate	13.719	149	666961	46.561	ng	100
81) Benzo(a)anthracene	14.301	228	1294747	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	210845	26.712	ng	100
83) Chrysene	14.342	228	1211606	43.435	ng	100
84) Bis(2-ethylhexyl)phtha...	14.277	149	900483	48.069	ng	99
85) Di-n-octyl phthalate	14.918	149	1364880	55.557	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	1268531	51.801	ng	99
88) Benzo(b)fluoranthene	15.430	252	1239301	47.396	ng	99
89) Benzo(k)fluoranthene	15.465	252	1136483	43.449	ng	99
90) Benzo(a)pyrene	15.842	252	1056306	44.686	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1026356	52.159	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1071657	52.272	ng	99

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

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