

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132126.D
 Acq On : 18 Jan 2023 19:26
 Operator : CG\JU
 Sample : PB150317BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 07:53:09 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	229708	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	818943	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	454098	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	860299	20.000	ng	0.00
76) Chrysene-d12	14.313	240	508875	20.000	ng	0.00
86) Perylene-d12	15.912	264	466557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1492143	115.569	ng	0.02
7) Phenol-d6	6.719	99	1918001	114.990	ng	0.00
23) Nitrobenzene-d5	7.666	82	1289528	83.581	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	606087	121.988	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2055320	78.751	ng	0.00
79) Terphenyl-d14	13.248	244	2416699	77.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.184	88	232424	34.371	ng	99
3) Pyridine	3.890	79	565178	31.214	ng	98
4) n-Nitrosodimethylamine	3.854	42	356195	40.706	ng	99
6) Aniline	6.760	93	593469m	25.445	ng	
8) 2-Chlorophenol	6.884	128	609899	44.383	ng	97
10) Phenol	6.731	94	681648m	39.715	ng	
11) bis(2-Chloroethyl)ether	6.831	93	618156	42.352	ng	100
12) 1,3-Dichlorobenzene	7.042	146	643525	42.554	ng	100
13) 1,4-Dichlorobenzene	7.119	146	645672	42.656	ng	100
14) 1,2-Dichlorobenzene	7.272	146	623520	43.473	ng	97
15) Benzyl Alcohol	7.237	79	554442m	41.820	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	922811	42.471	ng	99
17) 2-Methylphenol	7.337	107	485110	39.224	ng	98
18) Hexachloroethane	7.613	117	251224	45.031	ng	97
19) n-Nitroso-di-n-propyla...	7.513	70	410959	39.190	ng	100
20) 3+4-Methylphenols	7.489	107	585493	38.141	ng	96
22) Acetophenone	7.507	105	771111	40.819	ng	99
24) Nitrobenzene	7.684	77	669152	41.420	ng	99
25) Isophorone	7.919	82	1258635	40.771	ng	100
26) 2-Nitrophenol	7.995	139	308860	46.923	ng	99
27) 2,4-Dimethylphenol	8.025	122	554558	42.260	ng	100
28) bis(2-Chloroethoxy)met...	8.125	93	714839	40.380	ng	100
29) 2,4-Dichlorophenol	8.236	162	507842	41.298	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	563135	41.907	ng	99
31) Naphthalene	8.407	128	1604141	39.896	ng	99
32) Benzoic acid	8.148	122	404296	44.848	ng	99
33) 4-Chloroaniline	8.448	127	177877	10.076	ng	94
34) Hexachlorobutadiene	8.519	225	385205	43.469	ng	99
35) Caprolactam	8.825	113	172113m	43.073	ng	
36) 4-Chloro-3-methylphenol	8.925	107	534567	41.690	ng	99
37) 2-Methylnaphthalene	9.101	142	1058527	37.805	ng	100
38) 1-Methylnaphthalene	9.201	142	1007847	38.311	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	566553	38.818	ng	99
41) Hexachlorocyclopentadiene	9.254	237	702280	90.546	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	389269	41.500	ng	98
44) 2,4,5-Trichlorophenol	9.419	196	440918	38.466	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.566	154	1302110	38.838	ng	99
47) 2-Chloronaphthalene	9.595	162	1028973	39.334	ng	99
48) 2-Nitroaniline	9.683	65	365351	40.967	ng	100
49) Acenaphthylene	10.013	152	1612259	38.033	ng	100
50) Dimethylphthalate	9.866	163	1263050	38.262	ng	100
51) 2,6-Dinitrotoluene	9.925	165	290697	41.396	ng	99
52) Acenaphthene	10.189	154	1114172	43.402	ng	97
53) 3-Nitroaniline	10.095	138	170770	22.971	ng	97
54) 2,4-Dinitrophenol	10.201	184	310983	104.231	ng	# 88
55) Dibenzofuran	10.360	168	1481940	37.518	ng	100
56) 4-Nitrophenol	10.248	139	426404	80.283	ng	88
57) 2,4-Dinitrotoluene	10.336	165	371555	42.837	ng	88
58) Fluorene	10.707	166	1103838	37.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.472	232	366864	40.663	ng	100
60) Diethylphthalate	10.566	149	1283825	38.840	ng	100
61) 4-Chlorophenyl-phenyle...	10.695	204	591203	37.549	ng	99
62) 4-Nitroaniline	10.725	138	262062	39.091	ng	96
63) Azobenzene	10.854	77	1203534	37.381	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	198781	49.686	ng	96
66) n-Nitrosodiphenylamine	10.813	169	1018166	39.435	ng	99
67) 4-Bromophenyl-phenylether	11.189	248	400478	40.980	ng	98
68) Hexachlorobenzene	11.254	284	426265	43.355	ng	99
69) Atrazine	11.336	200	267363	30.771	ng	97
70) Pentachlorophenol	11.448	266	522311	77.323	ng	98
71) Phenanthrene	11.677	178	1687460	39.678	ng	99
72) Anthracene	11.730	178	1671466	38.653	ng	99
73) Carbazole	11.877	167	1502930	39.832	ng	99
74) Di-n-butylphthalate	12.201	149	1908402	41.650	ng	99
75) Fluoranthene	12.877	202	1856651	40.756	ng	100
77) Benzidine	12.989	184	213971	15.615	ng	98
78) Pyrene	13.107	202	1859729	38.181	ng	100
80) Butylbenzylphthalate	13.718	149	737725	42.967	ng	98
81) Benzo(a)anthracene	14.301	228	1414184	39.762	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	315399	33.338	ng	99
83) Chrysene	14.342	228	1309954	39.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	1007875	44.887	ng	99
85) Di-n-octyl phthalate	14.913	149	1511139	51.319	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	1391683	50.625	ng	100
88) Benzo(b)fluoranthene	15.430	252	1371057	46.710	ng	99
89) Benzo(k)fluoranthene	15.465	252	1232132	41.963	ng	99
90) Benzo(a)pyrene	15.842	252	1156731	43.592	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1144648	51.820	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1203992	52.315	ng	99

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

