

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133385.D
 Acq On : 15 May 2023 15:32
 Operator : CG\JU
 Sample : PB152783BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152783BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 15 15:52:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	229796	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	913746	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	470455	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	825844	20.000	ng	0.00
76) Chrysene-d12	13.880	240	510395	20.000	ng	0.00
86) Perylene-d12	15.298	264	456796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1411051	92.758	ng	0.02
7) Phenol-d6	6.369	99	1736355	91.961	ng	0.00
23) Nitrobenzene-d5	7.287	82	1059289	62.574	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	433171	91.554	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1854831	65.960	ng	0.00
79) Terphenyl-d14	12.827	244	1939478	65.537	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	272905	38.677	ng	97
3) Pyridine	3.175	79	663894	35.426	ng	95
4) n-Nitrosodimethylamine	3.134	42	337868	34.807	ng	94
6) Aniline	6.381	93	762847	31.369	ng	# 41
8) 2-Chlorophenol	6.510	128	632967	40.981	ng	96
9) Benzaldehyde	6.263	77	348167	39.955	ng	98
10) Phenol	6.387	94	780290	37.460	ng	78
11) bis(2-Chloroethyl)ether	6.457	93	608451	38.926	ng	99
12) 1,3-Dichlorobenzene	6.663	146	694219	42.276	ng	96
13) 1,4-Dichlorobenzene	6.740	146	693174	42.119	ng	98
14) 1,2-Dichlorobenzene	6.892	146	647821	42.696	ng	98
15) Benzyl Alcohol	6.869	79	485246	37.205	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	972052	35.805	ng	91
17) 2-Methylphenol	6.987	107	538191	38.054	ng	97
18) Hexachloroethane	7.234	117	245018	42.822	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	417999	35.560	ng	91
20) 3+4-Methylphenols	7.145	107	648913	38.961	ng	# 68
22) Acetophenone	7.134	105	884828	41.803	ng	# 93
24) Nitrobenzene	7.310	77	657536	38.331	ng	99
25) Isophorone	7.545	82	1233501	38.377	ng	98
26) 2-Nitrophenol	7.622	139	368447	44.531	ng	98
27) 2,4-Dimethylphenol	7.669	122	592124	41.736	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	744961	39.179	ng	99
29) 2,4-Dichlorophenol	7.869	162	540800	41.872	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	561426	41.959	ng	99
31) Naphthalene	8.028	128	1810246	39.625	ng	99
32) Benzoic acid	7.810	122	339982	38.795	ng	94
33) 4-Chloroaniline	8.081	127	446192	24.173	ng	98
34) Hexachlorobutadiene	8.145	225	300892	40.573	ng	99
35) Caprolactam	8.457	113	187896m	43.306	ng	
36) 4-Chloro-3-methylphenol	8.575	107	572785	41.126	ng	97
37) 2-Methylnaphthalene	8.722	142	1196539	38.310	ng	98
38) 1-Methylnaphthalene	8.816	142	1127674	38.595	ng	97
40) 1,2,4,5-Tetrachloroben...	8.886	216	500639	39.579	ng	99
41) Hexachlorocyclopentadiene	8.875	237	568159	77.017	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	350940	40.117	ng	100

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44) 2,4,5-Trichlorophenol	9.045	196	375802	37.145	ng	98
46) 1,1'-Biphenyl	9.186	154	1466219	39.304	ng	98
47) 2-Chloronaphthalene	9.210	162	1108908	40.612	ng	98
48) 2-Nitroaniline	9.310	65	350933	38.888	ng	91
49) Acenaphthylene	9.622	152	1687479	38.678	ng	100
50) Dimethylphthalate	9.486	163	1297473	39.552	ng	99
51) 2,6-Dinitrotoluene	9.551	165	299039	40.502	ng	89
52) Acenaphthene	9.792	154	1249918m	42.775	ng	
53) 3-Nitroaniline	9.716	138	258910	29.492	ng	97
54) 2,4-Dinitrophenol	9.833	184	318808	85.904	ng	# 88
55) Dibenzofuran	9.969	168	1504640	37.749	ng	99
56) 4-Nitrophenol	9.898	139	473209	69.595	ng	97
57) 2,4-Dinitrotoluene	9.957	165	386056	41.001	ng	91
58) Fluorene	10.310	166	1138307	38.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	310974	39.648	ng	99
60) Diethylphthalate	10.186	149	1192588	38.489	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	547812	38.494	ng	95
62) 4-Nitroaniline	10.333	138	336379	41.689	ng	98
63) Azobenzene	10.463	77	1188504	36.208	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	218937	43.738	ng	95
66) n-Nitrosodiphenylamine	10.422	169	1036930	38.708	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	340485	38.014	ng	97
68) Hexachlorobenzene	10.857	284	379120	41.308	ng	95
69) Atrazine	10.951	200	354860	45.973	ng	97
70) Pentachlorophenol	11.057	266	454225	69.491	ng	97
71) Phenanthrene	11.269	178	1702694	38.360	ng	99
72) Anthracene	11.322	178	1753143	38.594	ng	99
73) Carbazole	11.480	167	1601686	39.599	ng	100
74) Di-n-butylphthalate	11.810	149	1855974	40.547	ng	99
75) Fluoranthene	12.457	202	1712485	38.442	ng	96
77) Benzidine	12.580	184	1002462	116.146	ng	# 93
78) Pyrene	12.680	202	1735796	39.673	ng	100
80) Butylbenzylphthalate	13.304	149	757873	48.921	ng	97
81) Benzo(a)anthracene	13.874	228	1301476	37.081	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	319426	32.944	ng	99
83) Chrysene	13.910	228	1298493	37.005	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	886457	45.588	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1415483	44.644	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1155832	44.483	ng	100
88) Benzo(b)fluoranthene	14.898	252	1080983	37.197	ng	98
89) Benzo(k)fluoranthene	14.927	252	1069543	37.127	ng	99
90) Benzo(a)pyrene	15.245	252	930982	35.196	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	951578	43.909	ng	98
92) Benzo(g,h,i)perylene	17.104	276	964954	45.101	ng	99

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

