

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132375.D
 Acq On : 09 Feb 2023 11:52
 Operator : CG\JU
 Sample : PB150732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

02/10/2023
 Supervised By :Jagrut
 Upadhyay

02/10/2023

Quant Time: Feb 10 00:57:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	190781	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	725046	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	355264	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	631161	20.000	ng	0.00
76) Chrysene-d12	14.260	240	343267	20.000	ng	0.00
86) Perylene-d12	15.824	264	312636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1414021	119.136	ng	0.02
7) Phenol-d6	6.672	99	1685062	115.157	ng	0.00
23) Nitrobenzene-d5	7.619	82	1020932	78.356	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	570830	156.246	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1907646	82.921	ng	0.00
79) Terphenyl-d14	13.189	244	2008088	113.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.060	88	188981	33.839	ng	93
3) Pyridine	3.790	79	473447	31.249	ng	95
4) n-Nitrosodimethylamine	3.760	42	173835	35.857	ng	94
6) Aniline	6.707	93	621541m	31.302	ng	
8) 2-Chlorophenol	6.831	128	576292	46.881	ng	96
9) Benzaldehyde	6.596	77	184621	19.093	ng	97
10) Phenol	6.684	94	610390m	40.302	ng	
11) bis(2-Chloroethyl)ether	6.778	93	535056	42.926	ng	95
12) 1,3-Dichlorobenzene	6.990	146	603934	46.451	ng	98
13) 1,4-Dichlorobenzene	7.066	146	609822	46.989	ng	98
14) 1,2-Dichlorobenzene	7.219	146	586193	48.433	ng	98
15) Benzyl Alcohol	7.190	79	422577	39.578	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.319	45	475375	36.198	ng	92
17) 2-Methylphenol	7.290	107	436734	40.587	ng	99
18) Hexachloroethane	7.560	117	231164	47.481	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	301695	36.298	ng	95
20) 3+4-Methylphenols	7.448	107	532232	38.753	ng	# 83
22) Acetophenone	7.460	105	709972	41.638	ng	97
24) Nitrobenzene	7.637	77	508112	38.173	ng	92
25) Isophorone	7.872	82	971763	39.295	ng	95
26) 2-Nitrophenol	7.948	139	312029	48.125	ng	92
27) 2,4-Dimethylphenol	7.978	122	489488	43.132	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	613264	40.354	ng	99
29) 2,4-Dichlorophenol	8.190	162	457996	45.456	ng	97
30) 1,2,4-Trichlorobenzene	8.272	180	510682	47.331	ng	98
31) Naphthalene	8.360	128	1506575	42.214	ng	99
32) Benzoic acid	8.095	122	384029	45.716	ng	94
33) 4-Chloroaniline	8.401	127	220858	13.956	ng	96
34) Hexachlorobutadiene	8.472	225	310955	51.265	ng	100
35) Caprolactam	8.784	113	145286m	42.297	ng	
36) 4-Chloro-3-methylphenol	8.878	107	457558	42.153	ng	96
37) 2-Methylnaphthalene	9.048	142	1001708	41.437	ng	99
38) 1-Methylnaphthalene	9.154	142	936418	41.683	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	472463	47.258	ng	99
41) Hexachlorocyclopentadiene	9.201	237	550556	94.389	ng	100
43) 2,4,6-Trichlorophenol	9.325	196	332009	46.457	ng	99

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44) 2,4,5-Trichlorophenol	9.366	196	357029	43.405	ng	98
46) 1,1'-Biphenyl	9.519	154	1199372	43.790	ng	96
47) 2-Chloronaphthalene	9.542	162	932091	44.682	ng	98
48) 2-Nitroaniline	9.637	65	220524	35.545	ng	# 81
49) Acenaphthylene	9.966	152	1432701	42.082	ng	99
50) Dimethylphthalate	9.813	163	1089066	43.824	ng	98
51) 2,6-Dinitrotoluene	9.878	165	250156	45.072	ng	89
52) Acenaphthene	10.136	154	1027856	48.222	ng	99
53) 3-Nitroaniline	10.048	138	183614	27.280	ng	95
54) 2,4-Dinitrophenol	10.154	184	294710	90.976	ng	97
55) Dibenzofuran	10.307	168	1259244	42.048	ng	99
56) 4-Nitrophenol	10.201	139	405091	79.980	ng	94
57) 2,4-Dinitrotoluene	10.284	165	329107	45.648	ng	92
58) Fluorene	10.654	166	977359	42.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	279948	46.684	ng	99
60) Diethylphthalate	10.513	149	1088687	44.037	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	485881	44.420	ng	99
62) 4-Nitroaniline	10.672	138	242400	37.556	ng	96
63) Azobenzene	10.801	77	872595	36.236	ng	95
65) 4,6-Dinitro-2-methylph...	10.695	198	182300	50.890	ng	92
66) n-Nitrosodiphenylamine	10.760	169	857462	43.385	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	312302	48.321	ng	96
68) Hexachlorobenzene	11.201	284	362176	52.429	ng	97
69) Atrazine	11.283	200	294510	51.807	ng	98
70) Pentachlorophenol	11.395	266	399709	84.213	ng	100
71) Phenanthrene	11.625	178	1416756	42.956	ng	100
72) Anthracene	11.678	178	1434135	42.727	ng	99
73) Carbazole	11.831	167	1246098	41.404	ng	100
74) Di-n-butylphthalate	12.148	149	1623864	45.639	ng	100
75) Fluoranthene	12.819	202	1390365	41.310	ng	98
77) Benzidine	12.936	184	332978	27.746	ng	99
78) Pyrene	13.054	202	1402642	50.803	ng	99
80) Butylbenzylphthalate	13.660	149	617412	50.615	ng	95
81) Benzo(a)anthracene	14.248	228	1073020	44.693	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	230642	30.162	ng	98
83) Chrysene	14.283	228	986210	43.868	ng	100
84) Bis(2-ethylhexyl)phtha...	14.213	149	815762	49.477	ng	100
85) Di-n-octyl phthalate	14.848	149	1204811	44.801	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.460	276	1060872	51.068	ng	96
88) Benzo(b)fluoranthene	15.354	252	972276	48.926	ng	98
89) Benzo(k)fluoranthene	15.389	252	913641	48.165	ng	99
90) Benzo(a)pyrene	15.760	252	825043	44.584	ng	99
91) Dibenzo(a,h)anthracene	17.483	278	876893	52.503	ng	98
92) Benzo(g,h,i)perylene	17.960	276	874970	50.710	ng	95

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

