

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132171.D
 Acq On : 20 Jan 2023 20:35
 Operator : CG\JU
 Sample : 01233-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 01/23/2023
 Supervised By :Jagrit
 Upadhyay
 01/23/2023

Quant Time: Jan 21 03:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	184212	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	674454	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	369043	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	748390	20.000	ng	0.00
76) Chrysene-d12	14.307	240	455426	20.000	ng	0.00
86) Perylene-d12	15.901	264	405760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1168126	110.773	ng	0.02
7) Phenol-d6	6.707	99	1563691	117.797	ng	0.00
23) Nitrobenzene-d5	7.654	82	1033020	81.365	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	518300	131.484	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1659325	65.701	ng	0.00
79) Terphenyl-d14	13.236	244	2001844	73.630	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.113	88	211997	39.682	ng	99
3) Pyridine	3.843	79	546312	38.093	ng	99
4) n-Nitrosodimethylamine	3.802	42	292734	43.401	ng	100
6) Aniline	6.748	93	655144m	35.632	ng	
8) 2-Chlorophenol	6.872	128	523160	47.198	ng	98
9) Benzaldehyde	6.643	77	264685	30.994	ng	99
10) Phenol	6.719	94	611337	44.238	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	513886	43.927	ng	100
12) 1,3-Dichlorobenzene	7.031	146	545379	44.016	ng	98
13) 1,4-Dichlorobenzene	7.107	146	552662	44.700	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530446	46.399	ng	97
15) Benzyl Alcohol	7.225	79	478698m	47.146	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	755751	44.449	ng	100
17) 2-Methylphenol	7.331	107	422253	43.483	ng	98
18) Hexachloroethane	7.607	117	207584	46.772	ng	96
19) n-Nitroso-di-n-propyla...	7.501	70	348478	42.857	ng	96
20) 3+4-Methylphenols	7.484	107	525790	42.970	ng	97
22) Acetophenone	7.501	105	665637	41.062	ng	# 98
24) Nitrobenzene	7.678	77	574598	42.745	ng	94
25) Isophorone	7.913	82	1061960	42.749	ng	98
26) 2-Nitrophenol	7.990	139	264966	51.662	ng	96
27) 2,4-Dimethylphenol	8.019	122	476757	44.353	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	613210	41.142	ng	99
29) 2,4-Dichlorophenol	8.231	162	448760	43.975	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	489393	42.222	ng	98
31) Naphthalene	8.401	128	1400607	40.435	ng	99
32) Benzoic acid	8.125	122	351863	48.858	ng	92
33) 4-Chloroaniline	8.442	127	222620	15.018	ng	95
34) Hexachlorobutadiene	8.513	225	325291	41.776	ng	99
35) Caprolactam	8.819	113	149764m	51.751	ng	
36) 4-Chloro-3-methylphenol	8.913	107	470663	45.831	ng	97
37) 2-Methylnaphthalene	9.095	142	925079	38.790	ng	100
38) 1-Methylnaphthalene	9.195	142	877096	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	500922	39.012	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650146	92.788	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	353715	44.387	ng	99

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44) 2,4,5-Trichlorophenol	9.407	196	386938	41.518	ng	98
46) 1,1'-Biphenyl	9.560	154	1157682	39.762	ng	100
47) 2-Chloronaphthalene	9.589	162	924471	41.075	ng	98
48) 2-Nitroaniline	9.678	65	326841	45.547	ng	97
49) Acenaphthylene	10.007	152	1454351	40.393	ng	99
50) Dimethylphthalate	9.854	163	1122254	41.987	ng	100
51) 2,6-Dinitrotoluene	9.919	165	259408	50.073	ng	95
52) Acenaphthene	10.184	154	971821	44.874	ng	97
53) 3-Nitroaniline	10.089	138	178541	32.234	ng	97
54) 2,4-Dinitrophenol	10.195	184	266056	108.068	ng	# 48
55) Dibenzofuran	10.354	168	1327167	39.654	ng	97
56) 4-Nitrophenol	10.242	139	407268	101.031	ng	89
57) 2,4-Dinitrotoluene	10.325	165	335194	53.902	ng	96
58) Fluorene	10.701	166	999303	40.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	330526	46.622	ng	99
60) Diethylphthalate	10.560	149	1129768	43.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.684	204	535392	40.317	ng	99
62) 4-Nitroaniline	10.713	138	257309	49.898	ng	100
63) Azobenzene	10.848	77	1393280	52.965	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	178390	48.454	ng	92
66) n-Nitrosodiphenylamine	10.807	169	919691	38.372	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	353442	38.746	ng	99
68) Hexachlorobenzene	11.248	284	385274	42.496	ng	96
69) Atrazine	11.331	200	345513	46.723	ng	99
70) Pentachlorophenol	11.442	266	460815	79.097	ng	97
71) Phenanthrene	11.672	178	1559992	39.721	ng	99
72) Anthracene	11.725	178	1577300	39.698	ng	100
73) Carbazole	11.872	167	1442821	42.512	ng	99
74) Di-n-butylphthalate	12.195	149	1710479	45.273	ng	99
75) Fluoranthene	12.866	202	1735889	43.029	ng	99
77) Benzidine	12.983	184	799320	58.456	ng	99
78) Pyrene	13.101	202	1757363	41.870	ng	99
80) Butylbenzylphthalate	13.707	149	675729	49.332	ng	97
81) Benzo(a)anthracene	14.295	228	1390528	42.739	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	193310	21.334	ng	99
83) Chrysene	14.336	228	1252100	40.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	832524	45.641	ng	98
85) Di-n-octyl phthalate	14.901	149	1168376	44.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1255979	39.311	ng	100
88) Benzo(b)fluoranthene	15.419	252	1157546	46.854	ng	99
89) Benzo(k)fluoranthene	15.454	252	1080629	42.889	ng	99
90) Benzo(a)pyrene	15.830	252	992749	41.772	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1021621	42.543	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1067741	38.992	ng	98

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

