

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129715.D
 Acq On : 11 Aug 2022 14:24
 Operator : CG\JU
 Sample : PB146619BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:57:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	173212	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	717920	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	385084	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	633950	20.000	ng	0.00
76) Chrysene-d12	14.021	240	386355	20.000	ng	0.00
86) Perylene-d12	15.486	264	327469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1204124	113.244	ng	0.01
7) Phenol-d6	6.498	99	1501946	112.378	ng	0.00
23) Nitrobenzene-d5	7.410	82	978726	74.420	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	446945	120.721	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1827272	73.405	ng	0.00
79) Terphenyl-d14	12.957	244	1915340	93.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	135284	28.199	ng	88
3) Pyridine	3.440	79	360332	27.046	ng	89
4) n-Nitrosodimethylamine	3.387	42	213055	36.418	ng	# 88
6) Aniline	6.504	93	547174	32.932	ng	# 42
8) 2-Chlorophenol	6.634	128	496899	42.774	ng	95
9) Benzaldehyde	6.392	77	241310	26.587	ng	98
10) Phenol	6.510	94	580398m	40.779	ng	
11) bis(2-Chloroethyl)ether	6.575	93	463085	41.027	ng	90
12) 1,3-Dichlorobenzene	6.775	146	501252	40.232	ng	99
13) 1,4-Dichlorobenzene	6.851	146	509030	40.173	ng	99
14) 1,2-Dichlorobenzene	7.004	146	479729	41.190	ng	97
15) Benzyl Alcohol	6.992	79	400803	41.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	612733	36.114	ng	# 1
17) 2-Methylphenol	7.110	107	394887	40.975	ng	# 88
18) Hexachloroethane	7.345	117	194405	40.746	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	345001	42.640	ng	91
20) 3+4-Methylphenols	7.263	107	515877	42.101	ng	# 81
22) Acetophenone	7.251	105	687174	41.112	ng	98
24) Nitrobenzene	7.428	77	504497	37.252	ng	94
25) Isophorone	7.663	82	947093	40.175	ng	99
26) 2-Nitrophenol	7.739	139	273378	40.918	ng	95
27) 2,4-Dimethylphenol	7.787	122	447948m	44.698	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	593415	43.393	ng	100
29) 2,4-Dichlorophenol	7.992	162	417302	40.343	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	413392	38.611	ng	97
31) Naphthalene	8.145	128	1410675	38.675	ng	99
32) Benzoic acid	7.928	122	177672	24.523	ng	98
33) 4-Chloroaniline	8.198	127	459185	30.664	ng	96
34) Hexachlorobutadiene	8.251	225	253158	41.597	ng	99
35) Caprolactam	8.581	113	135274m	40.225	ng	
36) 4-Chloro-3-methylphenol	8.698	107	455666	41.534	ng	95
37) 2-Methylnaphthalene	8.834	142	937298	39.543	ng	100
38) 1-Methylnaphthalene	8.934	142	884141	38.639	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	420274	41.564	ng	98
41) Hexachlorocyclopentadiene	8.981	237	344111	76.426	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	264281	35.986	ng	95

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44) 2,4,5-Trichlorophenol	9.175	196	287893	36.047	ng	96
46) 1,1'-Biphenyl	9.298	154	1147050	40.815	ng	99
47) 2-Chloronaphthalene	9.328	162	882994	38.866	ng	99
48) 2-Nitroaniline	9.433	65	284965	37.721	ng	# 82
49) Acenaphthylene	9.745	152	1344419	38.945	ng	100
50) Dimethylphthalate	9.604	163	1071205	40.296	ng	100
51) 2,6-Dinitrotoluene	9.669	165	240147	40.361	ng	92
52) Acenaphthene	9.916	154	942876m	41.818	ng	
53) 3-Nitroaniline	9.845	138	191406	27.243	ng	# 90
54) 2,4-Dinitrophenol	9.957	184	202915	66.805	ng	93
55) Dibenzofuran	10.086	168	1205548	38.786	ng	96
56) 4-Nitrophenol	10.033	139	246262	47.510	ng	98
57) 2,4-Dinitrotoluene	10.080	165	299255	38.501	ng	92
58) Fluorene	10.428	166	994736	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	230465	37.341	ng	99
60) Diethylphthalate	10.298	149	1074560	41.815	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	461958	42.135	ng	# 89
62) 4-Nitroaniline	10.469	138	234964m	33.712	ng	
63) Azobenzene	10.580	77	1006997	38.419	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	144856	36.202	ng	94
66) n-Nitrosodiphenylamine	10.539	169	862723	40.864	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	300152	43.237	ng	97
68) Hexachlorobenzene	10.980	284	326002	43.341	ng	94
69) Atrazine	11.069	200	292408	45.599	ng	96
70) Pentachlorophenol	11.186	266	282334	69.046	ng	100
71) Phenanthrene	11.398	178	1376434	39.775	ng	99
72) Anthracene	11.445	178	1390858	40.899	ng	99
73) Carbazole	11.604	167	1248079	38.987	ng	99
74) Di-n-butylphthalate	11.922	149	1664113	43.651	ng	99
75) Fluoranthene	12.586	202	1370986	39.100	ng	99
77) Benzidine	12.710	184	571425	41.866	ng	99
78) Pyrene	12.816	202	1368926	42.371	ng	98
80) Butylbenzylphthalate	13.421	149	635325	45.336	ng	98
81) Benzo(a)anthracene	14.010	228	1054038	39.938	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	285483	32.762	ng	98
83) Chrysene	14.045	228	948928	38.151	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	877942	47.587	ng	99
85) Di-n-octyl phthalate	14.586	149	1259519	47.441	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	934645	42.384	ng	99
88) Benzo(b)fluoranthene	15.063	252	931956	42.904	ng	99
89) Benzo(k)fluoranthene	15.092	252	843859	39.642	ng	99
90) Benzo(a)pyrene	15.427	252	772507	43.809	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	814302	45.369	ng	99
92) Benzo(g,h,i)perylene	17.433	276	813662	44.365	ng	99

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

