

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130181.D
 Acq On : 08 Sep 2022 16:34
 Operator : CG\JU
 Sample : N4530-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/09/2022
 Supervised By : Jagrut Upadhyay 09/09/2022

Quant Time: Sep 09 01:05:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	188028	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	721301	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	337682	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	463636	20.000	ng	0.00
76) Chrysene-d12	13.839	240	295758	20.000	ng	0.00
86) Perylene-d12	15.233	264	401470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	962404	86.893	ng	0.00
7) Phenol-d6	6.334	99	1201829	87.037	ng	0.00
23) Nitrobenzene-d5	7.263	82	712884	63.516	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	265265	86.297	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1251175	61.430	ng	0.00
79) Terphenyl-d14	12.786	244	881109	51.662	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	215966	41.724	ng	94
3) Pyridine	3.099	79	537097	38.696	ng	93
4) n-Nitrosodimethylamine	3.057	42	237104	43.438	ng	82
6) Aniline	6.363	93	653834	37.768	ng	# 50
8) 2-Chlorophenol	6.481	128	577283	47.487	ng	98
9) Benzaldehyde	6.245	77	273652	32.378	ng	97
10) Phenol	6.345	94	707392	45.323	ng	# 61
11) bis(2-Chloroethyl)ether	6.440	93	538700	45.426	ng	97
12) 1,3-Dichlorobenzene	6.640	146	611142	45.350	ng	96
13) 1,4-Dichlorobenzene	6.716	146	621573	45.789	ng	97
14) 1,2-Dichlorobenzene	6.869	146	589359	47.762	ng	97
15) Benzyl Alcohol	6.845	79	352825	37.909	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	699766	43.418	ng	# 54
17) 2-Methylphenol	6.957	107	439680	42.989	ng	# 87
18) Hexachloroethane	7.210	117	232310	47.392	ng	93
19) n-Nitroso-di-n-propyla...	7.116	70	359733	43.244	ng	92
20) 3+4-Methylphenols	7.110	107	520450	43.393	ng	# 68
22) Acetophenone	7.110	105	734279	45.565	ng	# 96
24) Nitrobenzene	7.281	77	566745	47.480	ng	99
25) Isophorone	7.522	82	1025980	45.164	ng	99
26) 2-Nitrophenol	7.598	139	290224	51.484	ng	94
27) 2,4-Dimethylphenol	7.639	122	496196	52.056	ng	96
28) bis(2-Chloroethoxy)met...	7.739	93	657611	48.191	ng	98
29) 2,4-Dichlorophenol	7.839	162	455874	44.712	ng	97
30) 1,2,4-Trichlorobenzene	7.922	180	477135	44.382	ng	98
31) Naphthalene	7.998	128	1587890	43.648	ng	99
32) Benzoic acid	7.728	122	128614	20.835	ng	97
33) 4-Chloroaniline	8.051	127	360923	24.557	ng	98
34) Hexachlorobutadiene	8.116	225	280864	45.617	ng	99
35) Caprolactam	8.416	113	109488m	34.653	ng	
36) 4-Chloro-3-methylphenol	8.534	107	453944	43.999	ng	95
37) 2-Methylnaphthalene	8.692	142	1019508	43.505	ng	97
38) 1-Methylnaphthalene	8.786	142	965257	42.377	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	431680	49.024	ng	98
41) Hexachlorocyclopentadiene	8.845	237	565904	122.974	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	288519	45.904	ng	99

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44) 2,4,5-Trichlorophenol	9.004	196	313806	46.063	ng	95
46) 1,1'-Biphenyl	9.157	154	1190964	48.546	ng	100
47) 2-Chloronaphthalene	9.175	162	935427	47.588	ng	99
48) 2-Nitroaniline	9.275	65	249097	51.425	ng	90
49) Acenaphthylene	9.592	152	1373130	46.002	ng	99
50) Dimethylphthalate	9.457	163	995855	43.298	ng	99
51) 2,6-Dinitrotoluene	9.516	165	217307	48.459	ng	99
52) Acenaphthene	9.763	154	908129m	48.275	ng	
53) 3-Nitroaniline	9.680	138	152696	29.666	ng	100
54) 2,4-Dinitrophenol	9.786	184	156914	77.370	ng	97
55) Dibenzofuran	9.933	168	1208550	44.866	ng	99
56) 4-Nitrophenol	9.845	139	317670	80.053	ng	91
57) 2,4-Dinitrotoluene	9.916	165	265386	51.402	ng	# 87
58) Fluorene	10.275	166	881202	42.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.051	232	211136	39.903	ng	# 80
60) Diethylphthalate	10.157	149	913453	41.052	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	410245	45.279	ng	98
62) 4-Nitroaniline	10.298	138	201373	40.228	ng	92
63) Azobenzene	10.428	77	893874	40.801	ng	96
65) 4,6-Dinitro-2-methylph...	10.322	198	107492	49.089	ng	84
66) n-Nitrosodiphenylamine	10.392	169	779820	50.314	ng	98
67) 4-Bromophenyl-phenylether	10.757	248	262640	50.928	ng	98
68) Hexachlorobenzene	10.816	284	283424	50.438	ng	96
69) Atrazine	10.916	200	212041	48.359	ng	98
70) Pentachlorophenol	11.010	266	262620	83.578	ng	98
71) Phenanthrene	11.233	178	1138926	45.297	ng	99
72) Anthracene	11.286	178	1169285	47.306	ng	99
73) Carbazole	11.439	167	985674	43.244	ng	100
74) Di-n-butylphthalate	11.774	149	1220067	44.390	ng	99
75) Fluoranthene	12.416	202	1026379	41.165	ng	99
77) Benzidine	12.545	184	605041	75.771	ng	99
78) Pyrene	12.639	202	1017138	38.342	ng	100
80) Butylbenzylphthalate	13.268	149	461767	43.763	ng	99
81) Benzo(a)anthracene	13.827	228	906577	44.728	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	232481	36.781	ng	99
83) Chrysene	13.863	228	893339	44.705	ng	100
84) Bis(2-ethylhexyl)phtha...	13.827	149	623696	47.554	ng	# 98
85) Di-n-octyl phthalate	14.439	149	1261829	60.906	ng	97
87) Indeno(1,2,3-cd)pyrene	16.580	276	1430699	54.024	ng	97
88) Benzo(b)fluoranthene	14.839	252	1218059	45.496	ng	98
89) Benzo(k)fluoranthene	14.868	252	1040170	40.172	ng	98
90) Benzo(a)pyrene	15.180	252	1054486	49.567	ng	99
91) Dibenzo(a,h)anthracene	16.604	278	1223629	56.467	ng	97
92) Benzo(g,h,i)perylene	16.992	276	1245528	57.448	ng	# 94

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

