

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128124.D
 Acq On : 06 May 2022 14:58
 Operator : CG\JU
 Sample : PB144627BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144627BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: May 06 16:09:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

05/05/2022

Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	107506	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	425745	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	244046	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	442031	20.000	ng	0.00
76) Chrysene-d12	14.092	240	283153	20.000	ng	0.00
86) Perylene-d12	15.586	264	232036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	750101	111.133	ng	0.01
7) Phenol-d6	6.545	99	964809	110.163	ng	0.00
23) Nitrobenzene-d5	7.475	82	700791	77.403	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	294067	119.698	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1144732	79.354	ng	0.00
79) Terphenyl-d14	13.027	244	1299736	83.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	91909	28.540	ng	97
3) Pyridine	3.593	79	251344	30.461	ng	98
4) n-Nitrosodimethylamine	3.563	42	164076	41.080	ng	92
6) Aniline	6.575	93	390967	37.573	ng	100
8) 2-Chlorophenol	6.692	128	294060	41.976	ng	99
9) Benzaldehyde	6.463	77	192429	35.517	ng	95
10) Phenol	6.557	94	358598m	40.597	ng	
11) bis(2-Chloroethyl)ether	6.645	93	292304	39.892	ng	98
12) 1,3-Dichlorobenzene	6.851	146	311282	38.602	ng	98
13) 1,4-Dichlorobenzene	6.922	146	313357	38.932	ng	96
14) 1,2-Dichlorobenzene	7.075	146	301672	40.486	ng	98
15) Benzyl Alcohol	7.051	79	287159	48.216	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	430293	38.423	ng	99
17) 2-Methylphenol	7.163	107	240789	39.837	ng	97
18) Hexachloroethane	7.416	117	122203	41.298	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	223149	41.623	ng	98
20) 3+4-Methylphenols	7.316	107	282295	38.662	ng	# 83
22) Acetophenone	7.322	105	406118	39.137	ng	96
24) Nitrobenzene	7.492	77	349176	40.024	ng	99
25) Isophorone	7.733	82	622392	40.844	ng	99
26) 2-Nitrophenol	7.810	139	150560	40.499	ng	93
27) 2,4-Dimethylphenol	7.839	122	256973	41.615	ng	97
28) bis(2-Chloroethoxy)met...	7.939	93	356596	36.515	ng	98
29) 2,4-Dichlorophenol	8.051	162	239567	37.033	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	273448	37.212	ng	100
31) Naphthalene	8.216	128	811044	37.403	ng	100
32) Benzoic acid	7.975	122	133037	30.058	ng	92
33) 4-Chloroaniline	8.263	127	253641	29.563	ng	99
34) Hexachlorobutadiene	8.322	225	181281	39.166	ng	98
35) Caprolactam	8.639	113	76035m	36.412	ng	
36) 4-Chloro-3-methylphenol	8.745	107	266595	38.587	ng	96
37) 2-Methylnaphthalene	8.904	142	548658	38.286	ng	99
38) 1-Methylnaphthalene	9.004	142	522682	37.524	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	273766	38.059	ng	99
41) Hexachlorocyclopentadiene	9.051	237	292865	75.146	ng	98
43) 2,4,6-Trichlorophenol	9.180	196	172567	36.459	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128124.D
 Acq On : 06 May 2022 14:58
 Operator : CG\JU
 Sample : PB144627BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144627BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: May 06 16:09:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

05/09/2022

Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	182933	35.553	ng	97
46) 1,1'-Biphenyl	9.369	154	682065	37.730	ng	99
47) 2-Chloronaphthalene	9.398	162	495594	36.012	ng	98
48) 2-Nitroaniline	9.498	65	181890	39.073	ng	97
49) Acenaphthylene	9.816	152	795780	37.802	ng	100
50) Dimethylphthalate	9.674	163	596515	36.446	ng	99
51) 2,6-Dinitrotoluene	9.739	165	139466	39.357	ng	94
52) Acenaphthene	9.986	154	571109m	40.353	ng	
53) 3-Nitroaniline	9.910	138	112065	28.479	ng	98
54) 2,4-Dinitrophenol	10.022	184	137429	73.640	ng	88
55) Dibenzofuran	10.157	168	725993	35.555	ng	99
56) 4-Nitrophenol	10.074	139	186792	62.164	ng	86
57) 2,4-Dinitrotoluene	10.145	165	182383	38.855	ng	# 82
58) Fluorene	10.504	166	568621	37.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	156796	36.239	ng	100
60) Diethylphthalate	10.369	149	596809	37.186	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	282634	37.329	ng	98
62) 4-Nitroaniline	10.527	138	135680	35.268	ng	94
63) Azobenzene	10.651	77	636215	36.025	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	100196	38.148	ng	95
66) n-Nitrosodiphenylamine	10.616	169	511338	37.177	ng	98
67) 4-Bromophenyl-phenylether	10.980	248	181048	36.947	ng	100
68) Hexachlorobenzene	11.051	284	201843	39.096	ng	# 88
69) Atrazine	11.139	200	179013	42.090	ng	97
70) Pentachlorophenol	11.245	266	195252	64.286	ng	98
71) Phenanthrene	11.468	178	840505	36.325	ng	100
72) Anthracene	11.521	178	860628	37.339	ng	100
73) Carbazole	11.674	167	765797	34.473	ng	100
74) Di-n-butylphthalate	11.992	149	925852	37.065	ng	99
75) Fluoranthene	12.657	202	886918	36.420	ng	98
77) Benzidine	12.780	184	391889	73.146	ng	99
78) Pyrene	12.892	202	890642	38.965	ng	99
80) Butylbenzylphthalate	13.498	149	352114	39.302	ng	96
81) Benzo(a)anthracene	14.080	228	723433	38.332	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	193879	32.354	ng	99
83) Chrysene	14.115	228	662685	36.766	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	456015	38.382	ng	99
85) Di-n-octyl phthalate	14.668	149	671502	36.471	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	580875	37.505	ng	97
88) Benzo(b)fluoranthene	15.145	252	620573	42.581	ng	98
89) Benzo(k)fluoranthene	15.180	252	534336	36.392	ng	98
90) Benzo(a)pyrene	15.527	252	544742	45.061	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	503460	40.532	ng	97
92) Benzo(g,h,i)perylene	17.592	276	511113	39.045	ng	96

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

