

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013886.D
 Acq On : 24 Feb 2023 15:35
 Operator : CG/JU
 Sample : PB151066BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151066BS

Quant Time: Feb 24 16:57:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	136265	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	509229	20.000	ng	0.01
39) Acenaphthene-d10	14.751	164	313127	20.000	ng	0.01
64) Phenanthrene-d10	17.504	188	617151	20.000	ng	0.01
76) Chrysene-d12	21.580	240	694911	20.000	ng	0.00
86) Perylene-d12	24.133	264	744957	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1132408	136.963	ng	0.00
7) Phenol-d6	7.263	99	1393738	131.621	ng	0.01
23) Nitrobenzene-d5	9.287	82	858607	91.049	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	591769	129.828	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1891959	79.362	ng	0.00
79) Terphenyl-d14	20.033	244	2929863	81.119	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	127229	35.404	ng	99
3) Pyridine	3.905	79	352069	36.342	ng	99
4) n-Nitrosodimethylamine	3.810	42	174555	48.079	ng	# 90
6) Aniline	7.428	93	255928	18.601	ng	99
8) 2-Chlorophenol	7.669	128	395644	45.367	ng	99
9) Benzaldehyde	7.246	77	12493m	2.480	ng	
10) Phenol	7.287	94	500969	45.452	ng	93
11) bis(2-Chloroethyl)ether	7.522	93	379545	43.028	ng	98
12) 1,3-Dichlorobenzene	7.998	146	449036	45.791	ng	99
13) 1,4-Dichlorobenzene	8.146	146	451790	45.610	ng	98
14) 1,2-Dichlorobenzene	8.469	146	430508	46.559	ng	99
15) Benzyl Alcohol	8.351	79	356491m	47.985	ng	
16) 2,2'-oxybis(1-Chloropr...	8.634	45	404573m	42.938	ng	
17) 2-Methylphenol	8.551	107	322560	43.006	ng	96
18) Hexachloroethane	9.204	117	164274	47.345	ng	97
19) n-Nitroso-di-n-propyla...	8.922	70	279213	45.052	ng	97
20) 3+4-Methylphenols	8.881	107	432490	42.842	ng	97
22) Acetophenone	8.945	105	583095	45.398	ng	# 98
24) Nitrobenzene	9.328	77	439098	44.620	ng	99
25) Isophorone	9.857	82	759272	41.781	ng	99
26) 2-Nitrophenol	10.045	139	203480	44.117	ng	94
27) 2,4-Dimethylphenol	10.098	122	335232	44.110	ng	98
28) bis(2-Chloroethoxy)met...	10.334	93	462760	39.891	ng	99
29) 2,4-Dichlorophenol	10.581	162	366979	45.006	ng	99
30) 1,2,4-Trichlorobenzene	10.798	180	419202	43.812	ng	99
31) Naphthalene	10.987	128	1118772	40.072	ng	99
32) Benzoic acid	10.234	122	252889	42.813	ng	97
33) 4-Chloroaniline	11.098	127	139137	11.868	ng	97
34) Hexachlorobutadiene	11.269	225	294774	46.359	ng	97
35) Caprolactam	11.887	113	103684	39.828	ng	97
36) 4-Chloro-3-methylphenol	12.204	107	378577	41.666	ng	97
37) 2-Methylnaphthalene	12.586	142	769786	38.089	ng	98
38) 1-Methylnaphthalene	12.804	142	724199	38.288	ng	100
40) 1,2,4,5-Tetrachloroben...	12.951	216	478758	42.395	ng	99
41) Hexachlorocyclopentadiene	12.928	237	617507	102.946	ng	99
43) 2,4,6-Trichlorophenol	13.186	196	303957	43.027	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013886.D
 Acq On : 24 Feb 2023 15:35
 Operator : CG/JU
 Sample : PB151066BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151066BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

Quant Time: Feb 24 16:57:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	326610	38.900	ng	98
46) 1,1'-Biphenyl	13.586	154	1003084	39.634	ng	98
47) 2-Chloronaphthalene	13.628	162	784727	40.698	ng	98
48) 2-Nitroaniline	13.833	65	218233	40.398	ng	97
49) Acenaphthylene	14.475	152	1185216	38.995	ng	99
50) Dimethylphthalate	14.198	163	975796	38.296	ng	100
51) 2,6-Dinitrotoluene	14.322	165	210911	38.281	ng	100
52) Acenaphthene	14.816	154	722867	39.084	ng	99
53) 3-Nitroaniline	14.651	138	151440	27.040	ng	99
54) 2,4-Dinitrophenol	14.857	184	294164	80.296	ng	95
55) Dibenzofuran	15.145	168	1172479	38.099	ng	98
56) 4-Nitrophenol	14.957	139	351589	77.195	ng	90
57) 2,4-Dinitrotoluene	15.110	165	286669	38.704	ng	97
58) Fluorene	15.798	166	928308	38.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.369	232	292086	40.410	ng	99
60) Diethylphthalate	15.557	149	957407	38.533	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	505817	38.688	ng	99
62) 4-Nitroaniline	15.816	138	202441	34.693	ng	90
63) Azobenzene	16.080	77	862889	38.386	ng	96
65) 4,6-Dinitro-2-methylph...	15.869	198	181845	42.379	ng	97
66) n-Nitrosodiphenylamine	16.004	169	810189	43.341	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	330840	45.418	ng	98
68) Hexachlorobenzene	16.804	284	382539	48.109	ng	99
69) Atrazine	16.945	200	13569	2.129	ng	91
70) Pentachlorophenol	17.145	266	469936	80.161	ng	99
71) Phenanthrene	17.545	178	1395328	40.358	ng	99
72) Anthracene	17.639	178	1394806	40.347	ng	100
73) Carbazole	17.904	167	1230950	39.551	ng	99
74) Di-n-butylphthalate	18.433	149	1561348	42.818	ng	99
75) Fluoranthene	19.498	202	1715445	39.801	ng	98
77) Benzidine	19.668	184	611408	43.288	ng	100
78) Pyrene	19.851	202	1810831	38.132	ng	99
80) Butylbenzylphthalate	20.704	149	691872	40.992	ng	97
81) Benzo(a)anthracene	21.562	228	1953426	39.255	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	654159	41.784	ng	100
83) Chrysene	21.621	228	1849181	38.359	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1051300	39.951	ng	100
85) Di-n-octyl phthalate	22.433	149	1827955	38.984	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	2766753	47.743	ng	96
88) Benzo(b)fluoranthene	23.351	252	2182285	46.319	ng	# 97
89) Benzo(k)fluoranthene	23.404	252	2141941	44.787	ng	98
90) Benzo(a)pyrene	24.021	252	1945043	42.702	ng	99
91) Dibenzo(a,h)anthracene	26.850	278	2376476	48.945	ng	97
92) Benzo(g,h,i)perylene	27.668	276	2392443	49.831	ng	97

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

