

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060722\
 Data File : BP010714.D
 Acq On : 07 Jun 2022 18:06
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 07 19:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 17:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	101432	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	379308	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	242924	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	519238	20.000	ng	0.00
76) Chrysene-d12	21.327	240	505112	20.000	ng	0.00
86) Perylene-d12	23.733	264	499745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	898548	161.609	ng	0.00
7) Phenol-d6	7.022	99	1243847	157.582	ng	0.00
23) Nitrobenzene-d5	9.005	82	1269648	158.254	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	538692	195.903	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2666933	155.811	ng	0.00
79) Terphenyl-d14	19.798	244	4394201	163.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	171653	72.699	ng	95
3) Pyridine	3.734	79	515058m	77.893	ng	
4) n-Nitrosodimethylamine	3.646	42	289167	71.721	ng	93
6) Aniline	7.175	93	711431	76.608	ng	98
8) 2-Chlorophenol	7.411	128	487516	77.688	ng	98
10) Phenol	7.052	94	637930	78.153	ng	96
11) bis(2-Chloroethyl)ether	7.269	93	478482	73.962	ng	97
12) 1,3-Dichlorobenzene	7.728	146	544861	74.920	ng	98
13) 1,4-Dichlorobenzene	7.875	146	559927	75.137	ng	99
14) 1,2-Dichlorobenzene	8.193	146	530186	74.320	ng	98
15) Benzyl Alcohol	8.087	79	498528	78.787	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	795968	65.810	ng	98
17) 2-Methylphenol	8.293	107	429596	78.421	ng	98
18) Hexachloroethane	8.916	117	214405	74.380	ng	97
19) n-Nitroso-di-n-propyla...	8.658	70	426438	74.071	ng	96
20) 3+4-Methylphenols	8.628	107	592934	78.740	ng	99
22) Acetophenone	8.669	105	788010	79.662	ng	97
24) Nitrobenzene	9.046	77	633766	78.190	ng	96
25) Isophorone	9.575	82	1095739	81.756	ng	99
26) 2-Nitrophenol	9.757	139	274783	86.987	ng	100
27) 2,4-Dimethylphenol	9.822	122	388082	82.656	ng	98
28) bis(2-Chloroethoxy)met...	10.052	93	579828	78.314	ng	99
29) 2,4-Dichlorophenol	10.299	162	467226	82.777	ng	98
30) 1,2,4-Trichlorobenzene	10.505	180	520385	78.376	ng	97
31) Naphthalene	10.693	128	1574556	78.798	ng	100
32) Benzoic acid	10.022	122	340217	103.051	ng	98
33) 4-Chloroaniline	10.810	127	633464	82.064	ng	100
34) Hexachlorobutadiene	10.975	225	349874	78.051	ng	98
35) Caprolactam	11.628	113	160213	98.335	ng	# 88
36) 4-Chloro-3-methylphenol	11.946	107	551701	85.788	ng	100
37) 2-Methylnaphthalene	12.304	142	1105307	79.274	ng	99
38) 1-Methylnaphthalene	12.522	142	1079268	79.262	ng	100
40) 1,2,4,5-Tetrachloroben...	12.675	216	596228	78.898	ng	99
41) Hexachlorocyclopentadiene	12.651	237	292674	72.753	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	401358	85.075	ng	99
44) 2,4,5-Trichlorophenol	12.993	196	446631	83.700	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.316	154	1404079	77.492	ng	99
47) 2-Chloronaphthalene	13.357	162	1108390	77.825	ng	100
48) 2-Nitroaniline	13.563	65	426872	86.478	ng	99
49) Acenaphthylene	14.204	152	1757994	80.363	ng	100
50) Dimethylphthalate	13.945	163	1436806	82.168	ng	99
51) 2,6-Dinitrotoluene	14.063	165	319920	86.032	ng	99
52) Acenaphthene	14.545	154	1060153	78.936	ng	97
53) 3-Nitroaniline	14.393	138	339007	93.083	ng	99
54) 2,4-Dinitrophenol	14.610	184	202117	105.492	ng	97
55) Dibenzofuran	14.881	168	1701707	80.125	ng	100
56) 4-Nitrophenol	14.716	139	261527	95.109	ng	97
57) 2,4-Dinitrotoluene	14.857	165	445891	92.118	ng	95
58) Fluorene	15.534	166	1432895	82.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	399750	87.391	ng	99
60) Diethylphthalate	15.304	149	1479381	84.988	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	719911	82.492	ng	98
62) 4-Nitroaniline	15.563	138	358831	101.590	ng	98
63) Azobenzene	15.822	77	1501345	81.665	ng	97
65) 4,6-Dinitro-2-methylph...	15.628	198	282351	92.760	ng	93
66) n-Nitrosodiphenylamine	15.745	169	1205307	77.092	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	450288	79.717	ng	99
68) Hexachlorobenzene	16.545	284	510479	81.817	ng	93
69) Atrazine	16.704	200	420676	82.956	ng	99
70) Pentachlorophenol	16.892	266	306739	85.643	ng	98
71) Phenanthrene	17.281	178	2244639	78.829	ng	100
72) Anthracene	17.369	178	2181986	80.025	ng	100
73) Carbazole	17.645	167	1988950	85.829	ng	100
74) Di-n-butylphthalate	18.192	149	2583891	87.707	ng	100
75) Fluoranthene	19.251	202	2672296	86.404	ng	99
77) Benzidine	19.428	184	750494	77.348	ng	99
78) Pyrene	19.598	202	2726413	77.452	ng	99
80) Butylbenzylphthalate	20.469	149	1206114	86.997	ng	100
81) Benzo(a)anthracene	21.316	228	2675980	80.745	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	781968	86.035	ng	99
83) Chrysene	21.369	228	2525874	77.704	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	1693010	86.633	ng	99
85) Di-n-octyl phthalate	22.157	149	2853213	87.611	ng	98
87) Indeno(1,2,3-cd)pyrene	26.257	276	2971139	81.555	ng	98
88) Benzo(b)fluoranthene	23.004	252	2556980	81.265	ng	99
89) Benzo(k)fluoranthene	23.051	252	2502876	78.471	ng	99
90) Benzo(a)pyrene	23.627	252	2111389	81.124	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	2489380	81.697	ng	98
92) Benzo(g,h,i)perylene	27.021	276	2407337	79.468	ng	98

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

