

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
 Data File : BP012698.D
 Acq On : 22 Nov 2022 12:53
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 22 23:39:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 23:34:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	357485	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	1465531	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	951417	20.000	ng	0.00
64) Phenanthrene-d10	17.427	188	2110631	20.000	ng	0.00
76) Chrysene-d12	21.516	240	2242201	20.000	ng	0.00
86) Perylene-d12	24.033	264	2114684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	2085669	118.185	ng	0.00
7) Phenol-d6	7.187	99	2969532	121.279	ng	0.00
23) Nitrobenzene-d5	9.204	82	3284591	125.602	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	1476572	140.994	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	8142445	120.777	ng	0.00
79) Terphenyl-d14	19.974	244	12336171	115.771	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.440	88	402512	55.484	ng	Qvalue 100
3) Pyridine	3.846	79	1323438m	58.425	ng	
4) n-Nitrosodimethylamine	3.758	42	579119	58.539	ng	# 97
6) Aniline	7.357	93	1858032	60.103	ng	99
8) 2-Chlorophenol	7.599	128	1343072	60.225	ng	98
9) Benzaldehyde	7.169	77	763009m	50.585	ng	
10) Phenol	7.216	94	1676713	60.378	ng	100
11) bis(2-Chloroethyl)ether	7.457	93	1382372	57.717	ng	98
12) 1,3-Dichlorobenzene	7.928	146	1565823	57.761	ng	99
13) 1,4-Dichlorobenzene	8.075	146	1611093	57.692	ng	99
14) 1,2-Dichlorobenzene	8.393	146	1562351	57.749	ng	99
15) Benzyl Alcohol	8.275	79	1106092	64.388	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.575	45	2005441	56.898	ng	100
17) 2-Methylphenol	8.475	107	1174234	61.218	ng	99
18) Hexachloroethane	9.128	117	585497	57.775	ng	99
19) n-Nitroso-di-n-propyla...	8.851	70	1044619	61.935	ng	99
20) 3+4-Methylphenols	8.804	107	1645929	63.479	ng	98
22) Acetophenone	8.863	105	2168504	59.965	ng	# 99
24) Nitrobenzene	9.251	77	1677405	62.044	ng	98
25) Isophorone	9.775	82	2986806	59.087	ng	99
27) 2,4-Dimethylphenol	10.016	122	1127669	64.939	ng	99
28) bis(2-Chloroethoxy)met...	10.257	93	1782845	62.192	ng	99
30) 1,2,4-Trichlorobenzene	10.716	180	1656905	61.095	ng	100
31) Naphthalene	10.904	128	4885720	59.697	ng	100
32) Benzoic acid	10.175	122	637782	67.070	ng	99
33) 4-Chloroaniline	11.010	127	1919382	66.589	ng	99
34) Hexachlorobutadiene	11.193	225	1040412	61.278	ng	99
35) Caprolactam	11.804	113	416530	63.862	ng	99
36) 4-Chloro-3-methylphenol	12.122	107	1469122	63.619	ng	99
37) 2-Methylnaphthalene	12.504	142	3495973	60.201	ng	99
38) 1-Methylnaphthalene	12.722	142	3413728	59.223	ng	100
40) 1,2,4,5-Tetrachloroben...	12.869	216	1951990	64.420	ng	99
41) Hexachlorocyclopentadiene	12.851	237	949564	66.981	ng	98
43) 2,4,6-Trichlorophenol	13.104	196	1262950	68.398	ng	99
46) 1,1'-Biphenyl	13.510	154	4476046	61.599	ng	99
47) 2-Chloronaphthalene	13.551	162	3578461	61.325	ng	99

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48) 2-Nitroaniline	13.751	65	924436	74.872	ng	95
49) Acenaphthylene	14.398	152	5675586	60.804	ng	100
50) Dimethylphthalate	14.134	163	4501455	61.312	ng	100
51) 2,6-Dinitrotoluene	14.245	165	987268	66.606	ng	97
52) Acenaphthene	14.739	154	3635956	61.309	ng	99
53) 3-Nitroaniline	14.575	138	1052148	69.082	ng	97
54) 2,4-Dinitrophenol	14.775	184	419445	69.434	ng	96
55) Dibenzofuran	15.069	168	5524985	60.203	ng	99
56) 4-Nitrophenol	14.863	139	867262	66.035	ng	99
57) 2,4-Dinitrotoluene	15.028	165	1353391	68.711	ng	97
58) Fluorene	15.722	166	4424584	58.964	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	1317064	66.835	ng	99
60) Diethylphthalate	15.492	149	4399088	62.528	ng	100
61) 4-Chlorophenyl-phenyle...	15.710	204	2255528	60.928	ng	98
62) 4-Nitroaniline	15.739	138	1049626	74.134	ng	98
63) Azobenzene	16.010	77	4267623	59.400	ng	97
65) 4,6-Dinitro-2-methylph...	15.792	198	625020	69.901	ng	96
66) n-Nitrosodiphenylamine	15.928	169	3785083	62.074	ng	99
67) 4-Bromophenyl-phenylether	16.610	248	1410942	65.684	ng	97
68) Hexachlorobenzene	16.728	284	1694531	62.241	ng	99
69) Atrazine	16.880	200	1145149	77.518	ng	98
70) Pentachlorophenol	17.069	266	1076955	66.303	ng	99
71) Phenanthrene	17.469	178	7400350	60.118	ng	99
72) Anthracene	17.563	178	7164425	61.135	ng	100
73) Carbazole	17.827	167	6538799	62.215	ng	100
74) Di-n-butylphthalate	18.375	149	6859280	68.608	ng	99
75) Fluoranthene	19.427	202	8973684	61.448	ng	99
77) Benzidine	19.598	184	962171	70.363	ng	99
78) Pyrene	19.780	202	9338275	61.136	ng	99
80) Butylbenzylphthalate	20.651	149	1231469	72.473	ng	97
81) Benzo(a)anthracene	21.498	228	9652185	61.656	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	2379211	76.307	ng	99
83) Chrysene	21.557	228	9157025	60.985	ng	99
84) Bis(2-ethylhexyl)phtha...	21.416	149	2493623	76.218	ng	98
85) Di-n-octyl phthalate	22.392	149	5065979	66.519	ng	94
87) Indeno(1,2,3-cd)pyrene	26.698	276	9789029	62.533	ng	99
88) Benzo(b)fluoranthene	23.268	252	9317893	64.670	ng	100
89) Benzo(k)fluoranthene	23.321	252	9318726	63.282	ng	99
90) Benzo(a)pyrene	23.927	252	7564950	65.088	ng	99
91) Dibenzo(a,h)anthracene	26.721	278	8305936	62.900	ng	100
92) Benzo(g,h,i)perylene	27.515	276	7444658	60.854	ng	100

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

