

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020422\
 Data File : BP009031.D
 Acq On : 04 Feb 2022 10:31
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : mohammad ahmed 02/10/2022

Quant Time: Feb 04 13:30:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 04 13:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	181838	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	674979	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	403269	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	742524	20.000	ng	0.00
76) Chrysene-d12	21.304	240	695303	20.000	ng	0.00
86) Perylene-d12	23.704	264	804408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	444422	37.795	ng	0.00
7) Phenol-d6	6.987	99	567759	39.873	ng	0.00
23) Nitrobenzene-d5	8.969	82	497853	41.875	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	201807	34.379	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1270008	41.531	ng	0.00
79) Terphenyl-d14	19.769	244	1492141	36.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	76584	16.091	ng	98
3) Pyridine	3.705	79	230039	23.077	ng	95
4) n-Nitrosodimethylamine	3.617	42	83512	17.857	ng	89
6) Aniline	7.134	93	316932	17.833	ng	99
8) 2-Chlorophenol	7.375	128	243266	19.425	ng	99
9) Benzaldehyde	6.952	77	148756m	15.631	ng	
10) Phenol	7.016	94	282718	19.476	ng	95
11) bis(2-Chloroethyl)ether	7.234	93	219490	19.004	ng	99
12) 1,3-Dichlorobenzene	7.699	146	279052	18.711	ng	98
13) 1,4-Dichlorobenzene	7.840	146	287871	19.046	ng	98
14) 1,2-Dichlorobenzene	8.158	146	276304	19.171	ng	99
15) Benzyl Alcohol	8.058	79	172399	17.258	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	238433	18.460	ng	98
17) 2-Methylphenol	8.263	107	185275	19.051	ng	97
18) Hexachloroethane	8.881	117	93815	18.287	ng	99
19) n-Nitroso-di-n-propyla...	8.616	70	153956	18.496	ng	96
20) 3+4-Methylphenols	8.599	107	253755	19.655	ng	98
22) Acetophenone	8.634	105	334616	19.461	ng	# 95
24) Nitrobenzene	9.010	77	234597	19.535	ng	98
25) Isophorone	9.540	82	389609	18.134	ng	99
26) 2-Nitrophenol	9.728	139	120456	19.079	ng	94
27) 2,4-Dimethylphenol	9.793	122	178872	16.617	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	266271	18.992	ng	98
29) 2,4-Dichlorophenol	10.275	162	222314	18.925	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	265213	19.274	ng	100
31) Naphthalene	10.657	128	707771	19.306	ng	99
32) Benzoic acid	9.940	122	115105	18.632	ng	97
33) 4-Chloroaniline	10.781	127	278840	18.665	ng	98
34) Hexachlorobutadiene	10.940	225	162533	18.906	ng	97
35) Caprolactam	11.557	113	57304	17.696	ng	96
36) 4-Chloro-3-methylphenol	11.916	107	199334	18.810	ng	98
37) 2-Methylnaphthalene	12.269	142	485733	18.124	ng	98
38) 1-Methylnaphthalene	12.487	142	469615	19.090	ng	100
40) 1,2,4,5-Tetrachloroben...	12.646	216	278874	18.966	ng	99
41) Hexachlorocyclopentadiene	12.622	237	53426	7.101	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	178042	19.584	ng	99

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44) 2,4,5-Trichlorophenol	12.975	196	185356	18.944	ng	97
46) 1,1'-Biphenyl	13.281	154	635223	19.361	ng	100
47) 2-Chloronaphthalene	13.328	162	508650	20.106	ng	99
48) 2-Nitroaniline	13.540	65	108865	19.380	ng	95
49) Acenaphthylene	14.169	152	745719	19.510	ng	99
50) Dimethylphthalate	13.910	163	566831	18.926	ng	99
51) 2,6-Dinitrotoluene	14.028	165	116699	18.372	ng	90
52) Acenaphthene	14.516	154	446127	19.679	ng	99
53) 3-Nitroaniline	14.369	138	119000	19.049	ng	93
54) 2,4-Dinitrophenol	14.598	184	49743	19.363	ng	96
55) Dibenzofuran	14.851	168	749989	20.303	ng	99
56) 4-Nitrophenol	14.716	139	72619	16.143	ng	88
57) 2,4-Dinitrotoluene	14.828	165	149828	18.338	ng	# 85
58) Fluorene	15.504	166	565664	19.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	156294m	19.391	ng	
60) Diethylphthalate	15.275	149	510231	17.954	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	302251	19.017	ng	99
62) 4-Nitroaniline	15.534	138	116938	19.328	ng	87
63) Azobenzene	15.787	77	453287	19.212	ng	93
65) 4,6-Dinitro-2-methylph...	15.604	198	80264	21.636	ng	95
66) n-Nitrosodiphenylamine	15.710	169	480577	20.110	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	178667	19.270	ng	95
68) Hexachlorobenzene	16.516	284	199489	18.776	ng	97
69) Atrazine	16.675	200	148000	16.665	ng	97
70) Pentachlorophenol	16.875	266	97230	17.180	ng	98
71) Phenanthrene	17.251	178	842949	20.163	ng	98
72) Anthracene	17.339	178	816710	19.474	ng	99
73) Carbazole	17.622	167	771401	21.392	ng	99
74) Di-n-butylphthalate	18.169	149	718777	16.563	ng	99
75) Fluoranthene	19.222	202	903244	19.428	ng	97
77) Benzidine	19.410	184	314454	12.802	ng	98
78) Pyrene	19.575	202	946732	19.514	ng	97
80) Butylbenzylphthalate	20.451	149	311739	15.977	ng	97
81) Benzo(a)anthracene	21.286	228	948311	20.273	ng	96
82) 3,3'-Dichlorobenzidine	21.222	252	358357	17.733	ng	100
83) Chrysene	21.339	228	915479	20.189	ng	97
84) Bis(2-ethylhexyl)phtha...	21.216	149	420783	13.925	ng	95
85) Di-n-octyl phthalate	22.133	149	748302	14.639	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	1323530	19.967	ng	97
88) Benzo(b)fluoranthene	22.968	252	960148	17.873	ng	99
89) Benzo(k)fluoranthene	23.016	252	995086	19.136	ng	98
90) Benzo(a)pyrene	23.592	252	846259	16.321	ng	98
91) Dibenzo(a,h)anthracene	26.215	278	1102778	19.566	ng	99
92) Benzo(g,h,i)perylene	26.968	276	1093787	19.876	ng	98

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

