

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008396.D
 Acq On : 14 Dec 2021 16:17
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/15/2021
 Supervised By : Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 17:09:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 16:50:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	81074	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	277146	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	156247	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	298184	20.000	ng	0.00
76) Chrysene-d12	21.269	240	334467	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	393185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	555728	110.365	ng	0.00
7) Phenol-d6	6.946	99	733218	107.868	ng	0.00
23) Nitrobenzene-d5	8.916	82	715631	117.418	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	254334	127.352	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1379500	128.244	ng	0.00
79) Terphenyl-d14	19.733	244	1926723	120.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	113098	48.144	ng	94
3) Pyridine	3.652	79	330691m	52.742	ng	
4) n-Nitrosodimethylamine	3.564	42	128457	49.119	ng	# 92
6) Aniline	7.081	93	417942	52.453	ng	94
8) 2-Chlorophenol	7.322	128	280407	54.400	ng	98
10) Phenol	6.969	94	371989	53.254	ng	97
11) bis(2-Chloroethyl)ether	7.181	93	290938	52.110	ng	99
12) 1,3-Dichlorobenzene	7.634	146	324242	54.496	ng	99
13) 1,4-Dichlorobenzene	7.781	146	326469	54.120	ng	98
14) 1,2-Dichlorobenzene	8.099	146	316822	52.810	ng	98
15) Benzyl Alcohol	8.005	79	290280	53.899	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.281	45	401171	47.621	ng	99
17) 2-Methylphenol	8.210	107	243971	53.686	ng	98
18) Hexachloroethane	8.816	117	120706	53.815	ng	91
19) n-Nitroso-di-n-propyla...	8.569	70	230304	48.965	ng	97
20) 3+4-Methylphenols	8.546	107	326106	51.996	ng	98
22) Acetophenone	8.581	105	439539	57.981	ng	# 97
24) Nitrobenzene	8.957	77	338993	57.354	ng	97
25) Isophorone	9.487	82	556301	52.173	ng	99
26) 2-Nitrophenol	9.663	139	154076	60.419	ng	95
27) 2,4-Dimethylphenol	9.740	122	209998	55.062	ng	96
28) bis(2-Chloroethoxy)met...	9.963	93	355892	52.370	ng	# 98
29) 2,4-Dichlorophenol	10.210	162	265503	58.289	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	316980	59.957	ng	98
31) Naphthalene	10.593	128	785158	55.303	ng	99
32) Benzoic acid	9.975	122	166752	53.451	ng	99
33) 4-Chloroaniline	10.716	127	309125	52.484	ng	97
34) Hexachlorobutadiene	10.875	225	233867	64.639	ng	98
35) Caprolactam	11.540	113	45562	45.030	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	274553	52.727	ng	95
37) 2-Methylnaphthalene	12.210	142	528270	52.610	ng	98
38) 1-Methylnaphthalene	12.428	142	508612	52.037	ng	98
40) 1,2,4,5-Tetrachloroben...	12.587	216	339955	66.980	ng	99
41) Hexachlorocyclopentadiene	12.557	237	98284	50.368	ng	98
43) 2,4,6-Trichlorophenol	12.840	196	212516	61.801	ng	98
44) 2,4,5-Trichlorophenol	12.928	196	222694	60.437	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.228	154	669101	59.022	ng	98
47) 2-Chloronaphthalene	13.269	162	537583	60.048	ng	100
48) 2-Nitroaniline	13.492	65	178360	57.814	ng	96
49) Acenaphthylene	14.122	152	771861	55.886	ng	99
50) Dimethylphthalate	13.869	163	629459	53.649	ng	100
51) 2,6-Dinitrotoluene	13.992	165	133780	54.939	ng	96
52) Acenaphthene	14.463	154	461972	56.127	ng	99
53) 3-Nitroaniline	14.328	138	129258	52.379	ng	97
54) 2,4-Dinitrophenol	14.551	184	79560	55.260	ng	93
55) Dibenzofuran	14.804	168	770571	54.785	ng	99
56) 4-Nitrophenol	14.675	139	82602	43.671	ng	# 84
57) 2,4-Dinitrotoluene	14.792	165	182399	54.582	ng	# 88
58) Fluorene	15.451	166	595608	52.120	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.039	232	183795m	56.093	ng	
60) Diethylphthalate	15.234	149	598513	51.404	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	339698	54.194	ng	98
62) 4-Nitroaniline	15.498	138	122246	47.740	ng	91
63) Azobenzene	15.745	77	610154	51.232	ng	96
65) 4,6-Dinitro-2-methylph...	15.563	198	119848	61.450	ng	97
66) n-Nitrosodiphenylamine	15.669	169	506674	58.660	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	212877	64.201	ng	98
68) Hexachlorobenzene	16.469	284	237639	67.047	ng	93
69) Atrazine	16.633	200	107126	47.788	ng	97
70) Pentachlorophenol	16.828	266	114827	54.483	ng	99
71) Phenanthrene	17.204	178	885011	56.214	ng	99
72) Anthracene	17.298	178	882579	56.489	ng	99
73) Carbazole	17.575	167	831937	54.546	ng	99
74) Di-n-butylphthalate	18.128	149	963173	50.448	ng	100
75) Fluoranthene	19.186	202	1085961	51.204	ng	97
77) Benzidine	19.369	184	207565	45.241	ng	97
78) Pyrene	19.539	202	1129692	46.731	ng	100
80) Butylbenzylphthalate	20.416	149	469976	49.345	ng	94
81) Benzo(a)anthracene	21.251	228	1238315	55.863	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	575062	55.061	ng	98
83) Chrysene	21.304	228	1172393	55.580	ng	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	685403	47.398	ng	100
85) Di-n-octyl phthalate	22.086	149	1249212	50.853	ng	98
87) Indeno(1,2,3-cd)pyrene	26.115	276	1745890	61.035	ng	96
88) Benzo(b)fluoranthene	22.916	252	1275386	53.807	ng	99
89) Benzo(k)fluoranthene	22.963	252	1309561	56.433	ng	99
90) Benzo(a)pyrene	23.533	252	1126858	55.624	ng	98
91) Dibenzo(a,h)anthracene	26.127	278	1457229	61.341	ng	# 97
92) Benzo(g,h,i)perylene	26.868	276	1426215	59.510	ng	96

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

