

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008395.D
 Acq On : 14 Dec 2021 15:43
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 16:55:08 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	76260	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	284090	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	178066	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	348994	20.000	ng	0.00
76) Chrysene-d12	21.269	240	278905	20.000	ng	0.00
86) Perylene-d12	23.639	264	290203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	453109	95.666	ng	0.00
7) Phenol-d6	6.946	99	634553	99.246	ng	0.00
23) Nitrobenzene-d5	8.916	82	654247	104.723	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	266893	117.265	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	1390997	113.468	ng	0.00
79) Terphenyl-d14	19.739	244	1678482	125.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	90819	41.100	ng	93
3) Pyridine	3.652	79	274956m	46.621	ng	
4) n-Nitrosodimethylamine	3.564	42	106413	43.259	ng	# 92
6) Aniline	7.081	93	366047	48.840	ng	96
8) 2-Chlorophenol	7.316	128	236482	48.774	ng	98
9) Benzaldehyde	6.893	77	169510	39.915	ng	99
10) Phenol	6.969	94	320187	48.732	ng	97
11) bis(2-Chloroethyl)ether	7.181	93	251556	47.900	ng	97
12) 1,3-Dichlorobenzene	7.634	146	266793	47.671	ng	98
13) 1,4-Dichlorobenzene	7.781	146	273692	48.235	ng	98
14) 1,2-Dichlorobenzene	8.099	146	265212	46.998	ng	99
15) Benzyl Alcohol	8.005	79	261590	51.638	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	355031	44.804	ng	98
17) 2-Methylphenol	8.210	107	214257	50.124	ng	97
18) Hexachloroethane	8.816	117	102228	48.454	ng	93
19) n-Nitroso-di-n-propyla...	8.563	70	222391	50.267	ng	98
20) 3+4-Methylphenols	8.546	107	299167	50.711	ng	97
22) Acetophenone	8.581	105	409905	52.750	ng	# 98
24) Nitrobenzene	8.957	77	309434	51.073	ng	97
25) Isophorone	9.487	82	553345	50.627	ng	99
26) 2-Nitrophenol	9.663	139	140623	53.795	ng	97
27) 2,4-Dimethylphenol	9.740	122	198191	50.696	ng	97
28) bis(2-Chloroethoxy)met...	9.963	93	345104	49.542	ng	99
29) 2,4-Dichlorophenol	10.210	162	246693	52.835	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	284172	52.437	ng	98
31) Naphthalene	10.593	128	723726	49.730	ng	100
32) Benzoic acid	9.975	122	166296	52.002	ng	97
33) 4-Chloroaniline	10.716	127	299014	49.526	ng	98
34) Hexachlorobutadiene	10.875	225	205844	55.503	ng	99
35) Caprolactam	11.540	113	48763	47.016	ng	96
36) 4-Chloro-3-methylphenol	11.863	107	278765	52.228	ng	96
37) 2-Methylnaphthalene	12.210	142	515161	50.050	ng	98
38) 1-Methylnaphthalene	12.428	142	498833	49.789	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	336750	58.219	ng	99
41) Hexachlorocyclopentadiene	12.557	237	88965	40.006	ng	100
43) 2,4,6-Trichlorophenol	12.840	196	215920	55.097	ng	96

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44) 2,4,5-Trichlorophenol	12.928	196	231251	55.069	ng	97
46) 1,1'-Biphenyl	13.228	154	681399	52.742	ng	98
47) 2-Chloronaphthalene	13.275	162	543732	53.293	ng	100
48) 2-Nitroaniline	13.493	65	187466	53.320	ng	96
49) Acenaphthylene	14.122	152	795322	50.529	ng	99
50) Dimethylphthalate	13.869	163	674293	50.428	ng	99
51) 2,6-Dinitrotoluene	13.992	165	142574	51.376	ng	97
52) Acenaphthene	14.463	154	473531	50.481	ng	99
53) 3-Nitroaniline	14.328	138	134424	47.798	ng	99
54) 2,4-Dinitrophenol	14.557	184	83020	50.598	ng	96
55) Dibenzofuran	14.804	168	808219	50.420	ng	99
56) 4-Nitrophenol	14.675	139	85137	39.495	ng	82
57) 2,4-Dinitrotoluene	14.792	165	189796	49.836	ng	# 87
58) Fluorene	15.457	166	626261	48.087	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	191931m	51.398	ng	
60) Diethylphthalate	15.234	149	640174	48.245	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	360439	50.457	ng	97
62) 4-Nitroaniline	15.498	138	123711	42.392	ng	89
63) Azobenzene	15.745	77	649254	47.835	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	123301	54.016	ng	97
66) n-Nitrosodiphenylamine	15.669	169	534974	52.919	ng	98
67) 4-Bromophenyl-phenylether	16.345	248	225951	58.223	ng	97
68) Hexachlorobenzene	16.469	284	246133	59.333	ng	95
69) Atrazine	16.634	200	114566	43.666	ng	96
70) Pentachlorophenol	16.828	266	119260	48.348	ng	99
71) Phenanthrene	17.204	178	910341	49.405	ng	100
72) Anthracene	17.298	178	906299	49.562	ng	100
73) Carbazole	17.581	167	808975	45.319	ng	100
74) Di-n-butylphthalate	18.128	149	953559	42.673	ng	100
75) Fluoranthene	19.186	202	985535	39.703	ng	98
77) Benzidine	19.375	184	101722	26.588	ng	96
78) Pyrene	19.539	202	986129	48.918	ng	100
80) Butylbenzylphthalate	20.416	149	362673	45.665	ng	97
81) Benzo(a)anthracene	21.257	228	908897	49.170	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	407230	46.759	ng	97
83) Chrysene	21.304	228	859502	48.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	495423	41.085	ng	# 97
85) Di-n-octyl phthalate	22.086	149	825794	40.313	ng	99
87) Indeno(1,2,3-cd)pyrene	26.115	276	1139974	53.995	ng	96
88) Benzo(b)fluoranthene	22.916	252	843560	48.218	ng	98
89) Benzo(k)fluoranthene	22.963	252	873885	51.022	ng	99
90) Benzo(a)pyrene	23.533	252	743825	49.746	ng	# 98
91) Dibenzo(a,h)anthracene	26.121	278	946060	53.955	ng	98
92) Benzo(g,h,i)perylene	26.868	276	942434	53.278	ng	96

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

