

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008467.D
 Acq On : 17 Dec 2021 12:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 18 06:13:19 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 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	65991	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	253025	20.000	ng	-0.02
39) Acenaphthene-d10	14.387	164	163563	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	322128	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	326468	20.000	ng	0.00
86) Perylene-d12	23.633	264	351137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	347799	83.232	ng	-0.02
7) Phenol-d6	6.928	99	482593	85.990	ng	-0.01
23) Nitrobenzene-d5	8.899	82	487971	81.703	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	203641	84.720	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	1047088	81.379	ng	-0.01
79) Terphenyl-d14	19.727	244	1527709	81.442	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	75130	48.265	ng	99
3) Pyridine	3.640	79	202284	40.158	ng	98
4) n-Nitrosodimethylamine	3.552	42	90765	45.658	ng	94
6) Aniline	7.063	93	279952	43.097	ng	96
8) 2-Chlorophenol	7.305	128	183289	43.036	ng	98
9) Benzaldehyde	6.881	77	128550	41.349	ng	99
10) Phenol	6.952	94	244210	42.851	ng	97
11) bis(2-Chloroethyl)ether	7.163	93	197139	41.463	ng	99
12) 1,3-Dichlorobenzene	7.616	146	205088	41.640	ng	100
13) 1,4-Dichlorobenzene	7.763	146	212045	42.305	ng	96
14) 1,2-Dichlorobenzene	8.081	146	203831	41.945	ng	97
15) Benzyl Alcohol	7.987	79	193713	42.910	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	279465	41.545	ng	98
17) 2-Methylphenol	8.199	107	160681	42.619	ng	97
18) Hexachloroethane	8.799	117	78155	42.031	ng	91
19) n-Nitroso-di-n-propyla...	8.546	70	164969	39.630	ng	97
20) 3+4-Methylphenols	8.534	107	222700	42.887	ng	97
22) Acetophenone	8.563	105	303796	40.827	ng	# 97
24) Nitrobenzene	8.940	77	232048	41.395	ng	98
25) Isophorone	9.469	82	409019	40.926	ng	99
26) 2-Nitrophenol	9.652	139	102976	41.568	ng	# 94
27) 2,4-Dimethylphenol	9.728	122	147564	41.538	ng	97
28) bis(2-Chloroethoxy)met...	9.946	93	257236	41.638	ng	98
29) 2,4-Dichlorophenol	10.204	162	183749	42.090	ng	98
30) 1,2,4-Trichlorobenzene	10.393	180	214918	41.527	ng	96
31) Naphthalene	10.575	128	547520	41.264	ng	99
32) Benzoic acid	9.952	122	106807	41.012	ng	98
33) 4-Chloroaniline	10.704	127	224223	42.184	ng	97
34) Hexachlorobutadiene	10.857	225	155315	41.055	ng	97
35) Caprolactam	11.528	113	35768	43.266	ng	99
36) 4-Chloro-3-methylphenol	11.857	107	204418	41.905	ng	96
37) 2-Methylnaphthalene	12.193	142	383666	41.953	ng	98
38) 1-Methylnaphthalene	12.416	142	373481	41.948	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	252284	40.372	ng	99
41) Hexachlorocyclopentadiene	12.540	237	36446	27.447	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	160361	40.846	ng	98

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44) 2,4,5-Trichlorophenol	12.916	196	168251	41.090	ng	97
46) 1,1'-Biphenyl	13.216	154	519687	41.124	ng	98
47) 2-Chloronaphthalene	13.257	162	406597	40.340	ng	100
48) 2-Nitroaniline	13.481	65	139571	41.171	ng	100
49) Acenaphthylene	14.104	152	600942	40.558	ng	99
50) Dimethylphthalate	13.857	163	510215	41.200	ng	98
51) 2,6-Dinitrotoluene	13.981	165	106559	41.218	ng	97
52) Acenaphthene	14.451	154	355844	40.376	ng	99
53) 3-Nitroaniline	14.316	138	102301	42.004	ng	97
54) 2,4-Dinitrophenol	14.557	184	56881	42.149	ng	91
55) Dibenzofuran	14.787	168	609302	40.638	ng	98
56) 4-Nitrophenol	14.681	139	55283	39.102	ng	83
57) 2,4-Dinitrotoluene	14.787	165	144491	41.834	ng	# 82
58) Fluorene	15.439	166	472870	40.683	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	148705m	42.518	ng	
60) Diethylphthalate	15.222	149	494227	42.052	ng	99
61) 4-Chlorophenyl-phenyle...	15.434	204	273281	41.148	ng	99
62) 4-Nitroaniline	15.492	138	93169	42.484	ng	91
63) Azobenzene	15.728	77	499905	41.957	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	95936	45.583	ng	98
66) n-Nitrosodiphenylamine	15.657	169	406666	40.097	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	171985	40.991	ng	99
68) Hexachlorobenzene	16.457	284	189276	40.963	ng	93
69) Atrazine	16.622	200	100040	44.775	ng	96
70) Pentachlorophenol	16.822	266	91667	44.391	ng	99
71) Phenanthrene	17.192	178	712627	40.839	ng	100
72) Anthracene	17.286	178	710459	41.268	ng	99
73) Carbazole	17.569	167	651286	41.340	ng	100
74) Di-n-butylphthalate	18.116	149	811864	44.917	ng	99
75) Fluoranthene	19.175	202	844089	42.846	ng	98
77) Benzidine	19.369	184	161818	48.865	ng	98
78) Pyrene	19.528	202	862191	36.913	ng	99
80) Butylbenzylphthalate	20.404	149	368477	43.329	ng	98
81) Benzo(a)anthracene	21.245	228	907471	41.477	ng	99
82) 3,3'-Dichlorobenzidine	21.180	252	425270	42.245	ng	99
83) Chrysene	21.298	228	858293	41.069	ng	99
84) Bis(2-ethylhexyl)phtha...	21.169	149	553617	46.236	ng	# 99
85) Di-n-octyl phthalate	22.074	149	960501	46.511	ng	98
87) Indeno(1,2,3-cd)pyrene	26.098	276	1133532	41.010	ng	96
88) Benzo(b)fluoranthene	22.910	252	907369	42.957	ng	98
89) Benzo(k)fluoranthene	22.957	252	864130	40.568	ng	99
90) Benzo(a)pyrene	23.527	252	761190	41.520	ng	97
91) Dibenzo(a,h)anthracene	26.110	278	950607	41.084	ng	# 97
92) Benzo(g,h,i)perylene	26.857	276	924397	40.345	ng	96

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

