

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
 Data File : BP022919.D
 Acq On : 07 Nov 2024 15:12
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 23:21:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	82097	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	298015	20.000	ng	0.00
39) Acenaphthene-d10	14.228	164	247503	20.000	ng	0.01
64) Phenanthrene-d10	17.033	188	610240	20.000	ng	0.01
76) Chrysene-d12	21.468	240	701346	20.000	ng	0.00
86) Perylene-d12	24.704	264	850039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	423483	97.893	ng	0.00
7) Phenol-d6	6.793	99	592925	98.282	ng	0.00
23) Nitrobenzene-d5	8.734	82	631745	100.150	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	473774	98.757	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1662228	95.962	ng	0.01
79) Terphenyl-d14	19.763	244	3744901	100.279	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	80705	46.728	ng	98
3) Pyridine	3.575	79	233515m	49.415	ng	
4) n-Nitrosodimethylamine	3.487	42	112929	49.399	ng	97
6) Aniline	6.940	93	240725	47.866	ng	99
8) 2-Chlorophenol	7.169	128	219748	48.461	ng	99
9) Benzaldehyde	6.758	77	157353	45.142	ng	97
10) Phenol	6.816	94	297879	49.857	ng	98
11) bis(2-Chloroethyl)ether	7.034	93	220137	48.768	ng	98
12) 1,3-Dichlorobenzene	7.481	146	281543	48.647	ng	100
13) 1,4-Dichlorobenzene	7.628	146	285044	48.236	ng	98
14) 1,2-Dichlorobenzene	7.940	146	273605	47.889	ng	98
15) Benzyl Alcohol	7.840	79	223889	50.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	233942	47.768	ng	99
17) 2-Methylphenol	8.040	107	200079	49.333	ng	97
18) Hexachloroethane	8.646	117	104142	47.639	ng	98
19) n-Nitroso-di-n-propyla...	8.387	70	196212	47.517	ng	98
20) 3+4-Methylphenols	8.369	107	280374	49.464	ng	99
22) Acetophenone	8.404	105	391809	49.392	ng	# 99
24) Nitrobenzene	8.775	77	318881	49.766	ng	99
25) Isophorone	9.299	82	532308	49.858	ng	98
26) 2-Nitrophenol	9.475	139	135609	51.537	ng	100
27) 2,4-Dimethylphenol	9.546	122	150275	50.016	ng	98
28) bis(2-Chloroethoxy)met...	9.769	93	297781	49.104	ng	99
29) 2,4-Dichlorophenol	10.016	162	264587	50.874	ng	99
30) 1,2,4-Trichlorobenzene	10.210	180	325025	48.885	ng	99
31) Naphthalene	10.399	128	747553	50.063	ng	100
32) Benzoic acid	9.734	122	196521	54.493	ng	97
33) 4-Chloroaniline	10.522	127	267428	50.317	ng	99
34) Hexachlorobutadiene	10.675	225	238781	48.964	ng	99
35) Caprolactam	11.322	113	78772	50.595	ng	96
36) 4-Chloro-3-methylphenol	11.651	107	291431	50.491	ng	97
37) 2-Methylnaphthalene	12.010	142	553759	49.516	ng	99
38) 1-Methylnaphthalene	12.234	142	551035	49.643	ng	97
40) 1,2,4,5-Tetrachloroben...	12.387	216	404880	48.320	ng	99
41) Hexachlorocyclopentadiene	12.357	237	121769	51.747	ng	99
43) 2,4,6-Trichlorophenol	12.634	196	264217	49.581	ng	98

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44) 2,4,5-Trichlorophenol	12.728	196	293853	48.439	ng	97
46) 1,1'-Biphenyl	13.034	154	781816	47.518	ng	99
47) 2-Chloronaphthalene	13.081	162	651575	47.720	ng	97
48) 2-Nitroaniline	13.298	65	199898	50.931	ng	95
49) Acenaphthylene	13.945	152	933574	48.959	ng	98
50) Dimethylphthalate	13.669	163	877927	48.448	ng	99
51) 2,6-Dinitrotoluene	13.804	165	202313	49.101	ng	99
52) Acenaphthene	14.292	154	587476	47.911	ng	97
53) 3-Nitroaniline	14.139	138	170849	51.034	ng	99
54) 2,4-Dinitrophenol	14.357	184	132521	51.829	ng	95
55) Dibenzofuran	14.634	168	1036874	48.152	ng	98
56) 4-Nitrophenol	14.487	139	146795	51.169	ng	93
57) 2,4-Dinitrotoluene	14.622	165	294080	49.370	ng	97
58) Fluorene	15.298	166	865985	48.405	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.875	232	283334	48.427	ng	99
60) Diethylphthalate	15.063	149	879157	48.780	ng	99
61) 4-Chlorophenyl-phenyle...	15.292	204	507738	48.154	ng	98
62) 4-Nitroaniline	15.334	138	183094m	53.589	ng	
63) Azobenzene	15.592	77	751082	48.464	ng	98
65) 4,6-Dinitro-2-methylph...	15.398	198	200308	52.248	ng	95
66) n-Nitrosodiphenylamine	15.504	169	744128	49.323	ng	98
67) 4-Bromophenyl-phenylether	16.192	248	366518	50.076	ng	97
68) Hexachlorobenzene	16.322	284	455157	48.550	ng	96
69) Atrazine	16.486	200	200610	39.449	ng	100
70) Pentachlorophenol	16.686	266	308568	51.539	ng	99
71) Phenanthrene	17.081	178	1444642	48.916	ng	99
72) Anthracene	17.169	178	1413613	49.876	ng	100
73) Carbazole	17.463	167	1342015	49.577	ng	100
74) Di-n-butylphthalate	18.039	149	1539273	51.023	ng	99
75) Fluoranthene	19.163	202	2029405	49.536	ng	98
77) Benzidine	19.369	184	844422	60.937	ng	100
78) Pyrene	19.545	202	2102673	50.649	ng	99
80) Butylbenzylphthalate	20.498	149	728289	51.451	ng	99
81) Benzo(a)anthracene	21.451	228	2156857	49.420	ng	100
82) 3,3'-Dichlorobenzidine	21.369	252	905934	51.277	ng	99
83) Chrysene	21.516	228	2021011	49.437	ng	100
84) Bis(2-ethylhexyl)phtha...	21.369	149	1039649	51.179	ng	100
85) Di-n-octyl phthalate	22.598	149	1764321	51.973	ng	100
87) Indeno(1,2,3-cd)pyrene	28.380	276	2792567	48.713	ng	100
88) Benzo(b)fluoranthene	23.674	252	2464986	49.359	ng	98
89) Benzo(k)fluoranthene	23.751	252	2319613	49.190	ng	99
90) Benzo(a)pyrene	24.551	252	2125719	49.746	ng	100
91) Dibenzo(a,h)anthracene	28.421	278	2283928	48.594	ng	100
92) Benzo(g,h,i)perylene	29.503	276	2322829	48.217	ng	99

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

