

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
 Data File : BP022920.D
 Acq On : 07 Nov 2024 15:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 23:22:01 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	78112	20.000	ng	0.00
21) Naphthalene-d8	10.352	136	292418	20.000	ng	0.00
39) Acenaphthene-d10	14.222	164	236304	20.000	ng	0.00
64) Phenanthrene-d10	17.034	188	587469	20.000	ng	0.01
76) Chrysene-d12	21.463	240	661873	20.000	ng	0.00
86) Perylene-d12	24.680	264	787071	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	505898	122.911	ng	0.00
7) Phenol-d6	6.799	99	706393	123.064	ng	0.00
23) Nitrobenzene-d5	8.740	82	754131	121.840	ng	0.00
42) 2,4,6-Tribromophenol	15.734	330	569640	124.367	ng	-0.01
45) 2-Fluorobiphenyl	12.828	172	2000695	120.976	ng	0.01
79) Terphenyl-d14	19.757	244	4335634	123.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	94625	57.582	ng	98
3) Pyridine	3.570	79	276300m	61.452	ng	
4) n-Nitrosodimethylamine	3.481	42	131586	60.497	ng	99
6) Aniline	6.946	93	279256	58.361	ng	100
8) 2-Chlorophenol	7.169	128	264494	61.305	ng	98
9) Benzaldehyde	6.758	77	176774	53.300	ng	98
10) Phenol	6.822	94	351854	61.896	ng	99
11) bis(2-Chloroethyl)ether	7.034	93	263018	61.240	ng	99
12) 1,3-Dichlorobenzene	7.481	146	329055	59.757	ng	99
13) 1,4-Dichlorobenzene	7.628	146	337913	60.099	ng	99
14) 1,2-Dichlorobenzene	7.940	146	319703	58.812	ng	96
15) Benzyl Alcohol	7.840	79	271712	64.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	275568	59.138	ng	97
17) 2-Methylphenol	8.046	107	244406	63.337	ng	97
18) Hexachloroethane	8.646	117	123739	59.491	ng	95
19) n-Nitroso-di-n-propyla...	8.393	70	232699	59.228	ng	98
20) 3+4-Methylphenols	8.369	107	336160	62.332	ng	98
22) Acetophenone	8.411	105	466932	59.989	ng	# 100
24) Nitrobenzene	8.781	77	384129	61.097	ng	98
25) Isophorone	9.299	82	636963	60.803	ng	98
26) 2-Nitrophenol	9.481	139	163651	63.385	ng	95
27) 2,4-Dimethylphenol	9.546	122	183244	62.156	ng	98
28) bis(2-Chloroethoxy)met...	9.769	93	359627	60.438	ng	97
29) 2,4-Dichlorophenol	10.016	162	320540	62.813	ng	98
30) 1,2,4-Trichlorobenzene	10.216	180	393654	60.340	ng	99
31) Naphthalene	10.399	128	887861	60.598	ng	100
32) Benzoic acid	9.740	122	230805	65.225	ng	97
33) 4-Chloroaniline	10.522	127	321486	61.646	ng	97
34) Hexachlorobutadiene	10.675	225	286517	59.877	ng	99
35) Caprolactam	11.328	113	95685	62.634	ng	99
36) 4-Chloro-3-methylphenol	11.657	107	351652	62.090	ng	99
37) 2-Methylnaphthalene	12.016	142	670473	61.099	ng	99
38) 1-Methylnaphthalene	12.228	142	657972	60.412	ng	99
40) 1,2,4,5-Tetrachloroben...	12.381	216	495867	61.984	ng	99
41) Hexachlorocyclopentadiene	12.352	237	151167	67.285	ng	99
43) 2,4,6-Trichlorophenol	12.628	196	315602	62.030	ng	99

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44) 2,4,5-Trichlorophenol	12.722	196	365959	63.184	ng	99
46) 1,1'-Biphenyl	13.028	154	954026	60.733	ng	100
47) 2-Chloronaphthalene	13.081	162	792700	60.808	ng	98
48) 2-Nitroaniline	13.293	65	239303	63.861	ng	99
49) Acenaphthylene	13.940	152	1120703	61.558	ng	98
50) Dimethylphthalate	13.669	163	1048826	60.621	ng	99
51) 2,6-Dinitrotoluene	13.810	165	245639	62.441	ng	99
52) Acenaphthene	14.281	154	721564	61.636	ng	99
53) 3-Nitroaniline	14.146	138	200016	62.579	ng	100
54) 2,4-Dinitrophenol	14.357	184	164886	67.543	ng	97
55) Dibenzofuran	14.628	168	1261311	61.350	ng	98
56) 4-Nitrophenol	14.487	139	178796	65.277	ng	95
57) 2,4-Dinitrotoluene	14.610	165	365767	64.315	ng	# 86
58) Fluorene	15.298	166	1036354	60.674	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.875	232	341634	61.159	ng	99
60) Diethylphthalate	15.063	149	1048044	60.906	ng	98
61) 4-Chlorophenyl-phenyle...	15.281	204	619601	61.548	ng	94
62) 4-Nitroaniline	15.328	138	220445m	67.579	ng	
63) Azobenzene	15.587	77	887094	59.953	ng	98
65) 4,6-Dinitro-2-methylph...	15.398	198	243446	65.961	ng	93
66) n-Nitrosodiphenylamine	15.516	169	900279	61.986	ng	99
67) 4-Bromophenyl-phenylether	16.198	248	432186	61.337	ng	97
68) Hexachlorobenzene	16.328	284	552096	61.173	ng	97
69) Atrazine	16.487	200	260913	53.297	ng	97
70) Pentachlorophenol	16.687	266	371519	64.458	ng	99
71) Phenanthrene	17.075	178	1731524	60.903	ng	99
72) Anthracene	17.157	178	1704602	62.474	ng	100
73) Carbazole	17.451	167	1598435	61.338	ng	100
74) Di-n-butylphthalate	18.039	149	1783996	61.427	ng	99
75) Fluoranthene	19.163	202	2383002	60.422	ng	99
77) Benzidine	19.363	184	815265	62.341	ng	99
78) Pyrene	19.539	202	2440098	62.283	ng	99
80) Butylbenzylphthalate	20.492	149	840713	62.936	ng	98
81) Benzo(a)anthracene	21.445	228	2519759	61.178	ng	99
82) 3,3'-Dichlorobenzidine	21.369	252	1041138	62.445	ng	99
83) Chrysene	21.510	228	2317383	60.068	ng	100
84) Bis(2-ethylhexyl)phtha...	21.375	149	1205439	62.880	ng	99
85) Di-n-octyl phthalate	22.592	149	1974833	61.643	ng	100
87) Indeno(1,2,3-cd)pyrene	28.333	276	3220054m	60.664	ng	
88) Benzo(b)fluoranthene	23.674	252	2847150	61.572	ng	99
89) Benzo(k)fluoranthene	23.739	252	2693022	61.677	ng	99
90) Benzo(a)pyrene	24.539	252	2408712	60.878	ng	99
91) Dibenzo(a,h)anthracene	28.415	278	2622007	60.251	ng	98
92) Benzo(g,h,i)perylene	29.486	276	2706596	60.677	ng	99

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

