

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008141.D
 Acq On : 29 Nov 2021 14:50
 Operator : CG/JU
 Sample : M4844-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K-1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 29 15:16:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	69579	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	264695	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	168329	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	371996	20.000	ng	0.00
76) Chrysene-d12	21.310	240	454664	20.000	ng	0.00
86) Perylene-d12	23.698	264	510509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	487785	112.876	ng	-0.01
7) Phenol-d6	6.987	99	640137	109.732	ng	-0.01
23) Nitrobenzene-d5	8.963	82	429590	73.801	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	251595	116.938	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	866744	74.793	ng	-0.01
79) Terphenyl-d14	19.774	244	1502315	69.056	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	81772	40.559	ng	95
3) Pyridine	3.699	79	238572	44.336	ng	99
4) n-Nitrosodimethylamine	3.605	42	114946	51.214	ng	99
6) Aniline	7.134	93	234171	34.244	ng	98
8) 2-Chlorophenol	7.369	128	230123	52.020	ng	97
9) Benzaldehyde	6.946	77	139018	43.399	ng	99
10) Phenol	7.010	94	320798	53.513	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	235227	49.092	ng	99
12) 1,3-Dichlorobenzene	7.693	146	246947	48.362	ng	98
13) 1,4-Dichlorobenzene	7.840	146	253524	48.971	ng	97
14) 1,2-Dichlorobenzene	8.157	146	245112	47.607	ng	99
15) Benzyl Alcohol	8.052	79	242598	52.488	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.334	45	339508	46.959	ng	100
17) 2-Methylphenol	8.257	107	200753	51.474	ng	98
18) Hexachloroethane	8.881	117	93302	48.470	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	184787	45.778	ng	99
20) 3+4-Methylphenols	8.587	107	269490	50.067	ng	99
22) Acetophenone	8.628	105	345796	47.761	ng	99
24) Nitrobenzene	9.004	77	280044	49.609	ng	96
25) Isophorone	9.540	82	479144	47.050	ng	99
26) 2-Nitrophenol	9.716	139	122293	50.211	ng	98
27) 2,4-Dimethylphenol	9.787	122	208553	57.256	ng	95
28) bis(2-Chloroethoxy)met...	10.016	93	288899	44.512	ng	98
29) 2,4-Dichlorophenol	10.257	162	219582	50.475	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	242055	47.938	ng	97
31) Naphthalene	10.651	128	658459	48.561	ng	100
32) Benzoic acid	9.946	122	153411	51.488	ng	97
33) 4-Chloroaniline	10.769	127	95136	16.912	ng	97
34) Hexachlorobutadiene	10.940	225	164117	47.495	ng	96
35) Caprolactam	11.563	113	70532m	72.988	ng	
36) 4-Chloro-3-methylphenol	11.904	107	245968	49.460	ng	96
37) 2-Methylnaphthalene	12.269	142	474022	49.428	ng	97
38) 1-Methylnaphthalene	12.487	142	439711	47.104	ng	100
40) 1,2,4,5-Tetrachloroben...	12.640	216	274103	50.129	ng	99
41) Hexachlorocyclopentadiene	12.622	237	231131	109.947	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	185913	50.184	ng	94

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44) 2,4,5-Trichlorophenol	12.957	196	199956	50.371	ng	99
46) 1,1'-Biphenyl	13.281	154	592597	48.522	ng	99
47) 2-Chloronaphthalene	13.322	162	478123	49.573	ng	100
48) 2-Nitroaniline	13.528	65	171817	51.696	ng	100
49) Acenaphthylene	14.169	152	759587	51.050	ng	99
50) Dimethylphthalate	13.916	163	589334	46.624	ng	99
51) 2,6-Dinitrotoluene	14.028	165	132435	50.483	ng	99
52) Acenaphthene	14.516	154	442878	49.945	ng	98
53) 3-Nitroaniline	14.357	138	71079	26.736	ng	98
54) 2,4-Dinitrophenol	14.575	184	127935	82.482	ng	97
55) Dibenzofuran	14.851	168	725085	47.851	ng	99
56) 4-Nitrophenol	14.687	139	234247	114.954	ng	94
57) 2,4-Dinitrotoluene	14.822	165	187067	51.961	ng	98
58) Fluorene	15.504	166	574608	46.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	177217m	50.203	ng	
60) Diethylphthalate	15.281	149	593996	47.354	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	299874	44.407	ng	100
62) 4-Nitroaniline	15.528	138	129524	46.951	ng	96
63) Azobenzene	15.792	77	621330	48.426	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	86890	35.711	ng	96
66) n-Nitrosodiphenylamine	15.716	169	513282	47.634	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	194019	46.904	ng	97
68) Hexachlorobenzene	16.516	284	221632	50.123	ng	96
69) Atrazine	16.675	200	203973	72.936	ng	97
70) Pentachlorophenol	16.863	266	295098	112.235	ng	98
71) Phenanthrene	17.251	178	996794	50.752	ng	100
72) Anthracene	17.345	178	1012664	51.954	ng	99
73) Carbazole	17.616	167	926582	48.697	ng	100
74) Di-n-butylphthalate	18.175	149	1070084	44.926	ng	99
75) Fluoranthene	19.227	202	1361509	51.458	ng	99
77) Benzidine	19.410	184	804534	128.999	ng	98
78) Pyrene	19.580	202	1424071	50.017	ng	99
80) Butylbenzylphthalate	20.457	149	553457	42.748	ng	97
81) Benzo(a)anthracene	21.292	228	1477887	49.045	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	467052	32.897	ng	98
83) Chrysene	21.345	228	1470682	51.289	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	787596	40.066	ng	99
85) Di-n-octyl phthalate	22.145	149	1492250	44.687	ng	100
87) Indeno(1,2,3-cd)pyrene	26.204	276	1863835	50.184	ng	98
88) Benzo(b)fluoranthene	22.974	252	1628508	52.915	ng	99
89) Benzo(k)fluoranthene	23.021	252	1523198	50.554	ng	99
90) Benzo(a)pyrene	23.598	252	1581285	60.117	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	1552230	50.324	ng	99
92) Benzo(g,h,i)perylene	26.968	276	1599916	51.415	ng	97

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

