

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038653.D
 Acq On : 01 Feb 2023 22:07
 Operator : CG/JU
 Sample : PB150362BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 03:55:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	67726	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	234204	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	164741	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	315574	20.000	ng	0.00
76) Chrysene-d12	21.492	240	250299	20.000	ng	0.00
86) Perylene-d12	23.886	264	297376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	301825	87.300	ng	0.00
7) Phenol-d6	7.110	99	333087	84.472	ng	0.00
23) Nitrobenzene-d5	9.116	82	339681	82.381	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	181303	80.968	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1088097	84.087	ng	0.00
79) Terphenyl-d14	19.933	244	1236487	87.175	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	45597	29.916	ng	95
3) Pyridine	3.763	79	111221	30.687	ng	96
4) n-Nitrosodimethylamine	3.681	42	68580	41.914	ng	93
6) Aniline	7.269	93	147092	29.904	ng	99
8) 2-Chlorophenol	7.498	128	162200	42.995	ng	99
9) Benzaldehyde	7.081	77	37666	21.672	ng	96
10) Phenol	7.134	94	166985	41.918	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	134041	41.549	ng	99
12) 1,3-Dichlorobenzene	7.822	146	210994	43.774	ng	97
13) 1,4-Dichlorobenzene	7.975	146	214678	44.131	ng	98
14) 1,2-Dichlorobenzene	8.287	146	205560	44.109	ng	98
15) Benzyl Alcohol	8.187	79	120285m	41.445	ng	
16) 2,2'-oxybis(1-Chloropr...	8.475	45	125841	41.182	ng	96
17) 2-Methylphenol	8.392	107	118006	38.620	ng	97
18) Hexachloroethane	9.016	117	72466	46.127	ng	93
19) n-Nitroso-di-n-propyla...	8.757	70	97980	41.223	ng	98
20) 3+4-Methylphenols	8.722	107	155994	38.291	ng	99
22) Acetophenone	8.775	105	219039	39.217	ng	99
24) Nitrobenzene	9.157	77	161327	38.548	ng	97
25) Isophorone	9.681	82	270836	37.496	ng	100
26) 2-Nitrophenol	9.863	139	94888	40.745	ng	93
27) 2,4-Dimethylphenol	9.928	122	132219	39.350	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	174528	39.537	ng	99
29) 2,4-Dichlorophenol	10.398	162	198000	41.478	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	216562	42.648	ng	99
31) Naphthalene	10.798	128	480784	40.004	ng	98
32) Benzoic acid	10.081	122	97963	36.017	ng	98
33) 4-Chloroaniline	10.916	127	118517	22.501	ng	97
34) Hexachlorobutadiene	11.069	225	109953	43.225	ng	96
35) Caprolactam	11.722	113	34306m	33.369	ng	
36) 4-Chloro-3-methylphenol	12.039	107	134475	38.097	ng	99
37) 2-Methylnaphthalene	12.404	142	370525	38.151	ng	99
38) 1-Methylnaphthalene	12.622	142	350650	38.316	ng	98
40) 1,2,4,5-Tetrachloroben...	12.769	216	180229	42.037	ng	98
41) Hexachlorocyclopentadiene	12.739	237	267649	100.601	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	139380	41.380	ng	99

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44) 2,4,5-Trichlorophenol	13.086	196	146642	36.996	ng	95
46) 1,1'-Biphenyl	13.410	154	536333	41.099	ng	99
47) 2-Chloronaphthalene	13.457	162	431404	42.011	ng	99
48) 2-Nitroaniline	13.669	65	81578	35.780	ng	96
49) Acenaphthylene	14.298	152	632513	39.107	ng	98
50) Dimethylphthalate	14.039	163	493918	36.740	ng	100
51) 2,6-Dinitrotoluene	14.169	165	104455	38.228	ng	97
52) Acenaphthene	14.639	154	376807	39.017	ng	100
53) 3-Nitroaniline	14.498	138	72187	26.015	ng	97
54) 2,4-Dinitrophenol	14.704	184	139975	78.703	ng	97
55) Dibenzofuran	14.974	168	638685	38.405	ng	100
56) 4-Nitrophenol	14.804	139	164490	75.060	ng	97
57) 2,4-Dinitrotoluene	14.951	165	144412	36.232	ng	93
58) Fluorene	15.621	166	509861	38.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	106662	38.664	ng	100
60) Diethylphthalate	15.392	149	475991	37.374	ng	99
61) 4-Chlorophenyl-phenylether	15.610	204	217475	38.957	ng	99
62) 4-Nitroaniline	15.657	138	92482	32.140	ng	97
63) Azobenzene	15.904	77	367537	37.509	ng	98
65) 4,6-Dinitro-2-methylphthalate	15.710	198	74462	37.482	ng	99
66) n-Nitrosodiphenylamine	15.833	169	418274	40.593	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	128425	42.147	ng	96
68) Hexachlorobenzene	16.621	284	166867	44.809	ng	99
69) Atrazine	16.780	200	128978	43.187	ng	99
70) Pentachlorophenol	16.968	266	198278	73.040	ng	100
71) Phenanthrene	17.363	178	760825	40.604	ng	99
72) Anthracene	17.451	178	767135	40.019	ng	99
73) Carbazole	17.727	167	710146	39.722	ng	100
74) Di-n-butylphthalate	18.274	149	803156	39.764	ng	100
75) Fluoranthene	19.368	202	752582	38.253	ng	99
77) Benzidine	19.562	184	282985	38.304	ng	100
78) Pyrene	19.733	202	791889	41.093	ng	99
80) Butylbenzylphthalate	20.621	149	355252	37.475	ng	99
81) Benzo(a)anthracene	21.474	228	690239	38.985	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	254370	41.760	ng	98
83) Chrysene	21.527	228	647961	37.983	ng	98
84) Bis(2-ethylhexyl)phthalate	21.392	149	517197	37.390	ng	98
85) Di-n-octyl phthalate	22.309	149	892014	39.325	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	1090572	46.559	ng	99
88) Benzo(b)fluoranthene	23.156	252	808634	45.399	ng	99
89) Benzo(k)fluoranthene	23.209	252	814330	45.022	ng	100
90) Benzo(a)pyrene	23.786	252	732629	41.593	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	948276	48.120	ng	99
92) Benzo(g,h,i)perylene	27.162	276	947058	47.542	ng	99

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

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