

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038654.D
 Acq On : 01 Feb 2023 22:44
 Operator : CG/JU
 Sample : PB150362BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 03:55:52 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	7.940	152	71814	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	238532	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	163683	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	311163	20.000	ng	0.00
76) Chrysene-d12	21.492	240	267055	20.000	ng	0.00
86) Perylene-d12	23.886	264	323174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	319775	87.227	ng	0.00
7) Phenol-d6	7.110	99	342993	82.032	ng	0.00
23) Nitrobenzene-d5	9.116	82	345669	82.312	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	178486	80.225	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1068595	83.114	ng	0.00
79) Terphenyl-d14	19.933	244	1279121	84.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	50084	30.989	ng	99
3) Pyridine	3.763	79	117790	30.650	ng	97
4) n-Nitrosodimethylamine	3.681	42	70430	40.595	ng	97
6) Aniline	7.269	93	152135	29.169	ng	98
8) 2-Chlorophenol	7.498	128	169217	42.301	ng	99
9) Benzaldehyde	7.081	77	40664	22.065	ng	97
10) Phenol	7.134	94	173660	41.112	ng	99
11) bis(2-Chloroethyl)ether	7.363	93	138277	40.422	ng	99
12) 1,3-Dichlorobenzene	7.822	146	223440	43.717	ng	99
13) 1,4-Dichlorobenzene	7.975	146	223808	43.389	ng	99
14) 1,2-Dichlorobenzene	8.287	146	215633	43.637	ng	99
15) Benzyl Alcohol	8.187	79	124625m	40.496	ng	
16) 2,2'-oxybis(1-Chloropr...	8.475	45	128452	39.643	ng	99
17) 2-Methylphenol	8.387	107	123878	38.234	ng	97
18) Hexachloroethane	9.016	117	72984	43.812	ng	92
19) n-Nitroso-di-n-propyla...	8.751	70	101519	40.281	ng	99
20) 3+4-Methylphenols	8.722	107	162454	37.607	ng	95
22) Acetophenone	8.775	105	225979	39.726	ng	# 100
24) Nitrobenzene	9.157	77	167256	39.239	ng	97
25) Isophorone	9.681	82	275432	37.440	ng	100
26) 2-Nitrophenol	9.863	139	98057	41.342	ng	95
27) 2,4-Dimethylphenol	9.922	122	134627	39.340	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	177120	39.396	ng	99
29) 2,4-Dichlorophenol	10.398	162	197209	40.562	ng	100
30) 1,2,4-Trichlorobenzene	10.610	180	219412	42.426	ng	100
31) Naphthalene	10.798	128	487617	39.837	ng	99
32) Benzoic acid	10.075	122	101890	36.781	ng	98
33) 4-Chloroaniline	10.916	127	118054	22.007	ng	97
34) Hexachlorobutadiene	11.069	225	110138	42.513	ng	98
35) Caprolactam	11.722	113	36504m	34.863	ng	
36) 4-Chloro-3-methylphenol	12.039	107	135710	37.749	ng	98
37) 2-Methylnaphthalene	12.404	142	374423	37.853	ng	99
38) 1-Methylnaphthalene	12.622	142	351889	37.753	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	180013	42.258	ng	98
41) Hexachlorocyclopentadiene	12.739	237	266384	100.773	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	137524	41.093	ng	99

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44) 2,4,5-Trichlorophenol	13.086	196	144514	36.695	ng	97
46) 1,1'-Biphenyl	13.410	154	526190	40.582	ng	100
47) 2-Chloronaphthalene	13.457	162	425746	41.728	ng	99
48) 2-Nitroaniline	13.669	65	81453	35.946	ng	98
49) Acenaphthylene	14.298	152	622518	38.738	ng	99
50) Dimethylphthalate	14.039	163	497072	37.213	ng	99
51) 2,6-Dinitrotoluene	14.163	165	106347	39.172	ng	97
52) Acenaphthene	14.639	154	372459	38.816	ng	98
53) 3-Nitroaniline	14.498	138	71384	25.900	ng	97
54) 2,4-Dinitrophenol	14.704	184	140163	79.318	ng	98
55) Dibenzofuran	14.974	168	628904	38.061	ng	99
56) 4-Nitrophenol	14.804	139	168484	77.380	ng	96
57) 2,4-Dinitrotoluene	14.951	165	143523	36.241	ng	# 98
58) Fluorene	15.621	166	498011	38.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	104206	38.018	ng	99
60) Diethylphthalate	15.392	149	467707	36.961	ng	100
61) 4-Chlorophenyl-phenylether	15.610	204	212804	38.367	ng	99
62) 4-Nitroaniline	15.657	138	91107	31.883	ng	96
63) Azobenzene	15.904	77	354266	36.388	ng	99
65) 4,6-Dinitro-2-methylph...	15.710	198	75388	38.486	ng	98
66) n-Nitrosodiphenylamine	15.833	169	408995	40.255	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	123543	41.120	ng	95
68) Hexachlorobenzene	16.615	284	160853	43.807	ng	97
69) Atrazine	16.780	200	129269	43.898	ng	98
70) Pentachlorophenol	16.968	266	198676	74.224	ng	97
71) Phenanthrene	17.357	178	742462	40.185	ng	98
72) Anthracene	17.451	178	741951	39.254	ng	99
73) Carbazole	17.727	167	707800	40.152	ng	100
74) Di-n-butylphthalate	18.274	149	803976	40.369	ng	100
75) Fluoranthene	19.368	202	763170	39.341	ng	99
77) Benzidine	19.562	184	292721	37.231	ng	99
78) Pyrene	19.733	202	807144	39.257	ng	99
80) Butylbenzylphthalate	20.621	149	370409	36.666	ng	99
81) Benzo(a)anthracene	21.474	228	733535	38.831	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	272758	41.969	ng	100
83) Chrysene	21.527	228	689491	37.882	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	548299	37.161	ng	97
85) Di-n-octyl phthalate	22.309	149	981120	40.539	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	1167740	45.874	ng	99
88) Benzo(b)fluoranthene	23.156	252	888833	45.918	ng	99
89) Benzo(k)fluoranthene	23.203	252	891502	45.355	ng	99
90) Benzo(a)pyrene	23.786	252	808326	42.227	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	1014179	47.356	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1011476	46.723	ng	98

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

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