

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035428.D
 Acq On : 08 Jun 2022 13:53
 Operator : CG/JU
 Sample : PB145400BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145400BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 00:49:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	185635	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	764148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	532491	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1182818	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1328841	20.000	ng	0.00
86) Perylene-d12	23.768	264	1528471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1398219	158.273	ng	0.00
7) Phenol-d6	7.028	99	1798921	149.075	ng	0.00
23) Nitrobenzene-d5	9.004	82	1036305	86.111	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1102587	129.053	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3231869	87.172	ng	0.00
79) Terphenyl-d14	19.856	244	5763108	86.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	120757	40.747	ng	# 86
3) Pyridine	3.722	79	318618	39.426	ng	# 84
4) n-Nitrosodimethylamine	3.634	42	162179	53.184	ng	# 59
6) Aniline	7.169	93	666760	50.549	ng	93
8) 2-Chlorophenol	7.410	128	596199	53.784	ng	89
9) Benzaldehyde	6.981	77	246071	52.035	ng	88
10) Phenol	7.051	94	668997	57.508	ng	88
11) bis(2-Chloroethyl)ether	7.269	93	471993	49.878	ng	90
12) 1,3-Dichlorobenzene	7.728	146	608245	46.984	ng	# 94
13) 1,4-Dichlorobenzene	7.875	146	627459	47.208	ng	97
14) 1,2-Dichlorobenzene	8.193	146	612384	46.985	ng	96
15) Benzyl Alcohol	8.092	79	431623m	48.949	ng	
16) 2,2'-oxybis(1-Chloropr...	8.369	45	581579	50.408	ng	95
17) 2-Methylphenol	8.298	107	473929	53.889	ng	# 92
18) Hexachloroethane	8.916	117	200534	46.255	ng	# 82
19) n-Nitroso-di-n-propyla...	8.657	70	364214	47.727	ng	# 84
20) 3+4-Methylphenols	8.628	107	647913	52.634	ng	92
22) Acetophenone	8.669	105	793599	46.715	ng	# 89
24) Nitrobenzene	9.045	77	533727	48.960	ng	# 88
25) Isophorone	9.575	82	1022734	49.135	ng	# 94
26) 2-Nitrophenol	9.757	139	337890	47.367	ng	# 82
27) 2,4-Dimethylphenol	9.828	122	556968	58.879	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	677857	47.124	ng	99
29) 2,4-Dichlorophenol	10.298	162	642297	49.796	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	667306	44.974	ng	97
31) Naphthalene	10.686	128	1744694	47.122	ng	99
32) Benzoic acid	10.034	122	413091	48.819	ng	90
33) 4-Chloroaniline	10.810	127	414674	26.744	ng	# 94
34) Hexachlorobutadiene	10.975	225	416556	42.457	ng	99
35) Caprolactam	11.622	113	184306m	48.549	ng	
36) 4-Chloro-3-methylphenol	11.951	107	576041	48.443	ng	91
37) 2-Methylnaphthalene	12.304	142	1289053	46.139	ng	96
38) 1-Methylnaphthalene	12.522	142	1250221	45.663	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.675	216	809523	46.372	ng	# 96
41) Hexachlorocyclopentadiene	12.651	237	871113	101.033	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	557329	47.300	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	606692	47.959	ng	# 89
46) 1,1'-Biphenyl	13.316	154	1777323	46.823	ng	99
47) 2-Chloronaphthalene	13.357	162	1412953	47.714	ng	96
48) 2-Nitroaniline	13.569	65	326201	49.568	ng	# 77
49) Acenaphthylene	14.204	152	2295946	50.911	ng	99
50) Dimethylphthalate	13.951	163	1814037	46.341	ng	99
51) 2,6-Dinitrotoluene	14.069	165	419997	50.261	ng	# 69
52) Acenaphthene	14.545	154	1307264	47.872	ng	99
53) 3-Nitroaniline	14.398	138	269277	33.947	ng	88
54) 2,4-Dinitrophenol	14.616	184	558667	93.393	ng	# 69
55) Dibenzofuran	14.880	168	2171363	46.296	ng	91
56) 4-Nitrophenol	14.733	139	655552	110.119	ng	# 72
57) 2,4-Dinitrotoluene	14.863	165	584472	51.097	ng	# 78
58) Fluorene	15.533	166	1746162	47.652	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	545121	46.812	ng	# 80
60) Diethylphthalate	15.310	149	1752315	45.267	ng	95
61) 4-Chlorophenyl-phenyle...	15.521	204	951490	45.271	ng	# 87
62) 4-Nitroaniline	15.568	138	410795	49.635	ng	# 79
63) Azobenzene	15.816	77	1301387	47.348	ng	87
65) 4,6-Dinitro-2-methylph...	15.627	198	369361	46.484	ng	78
66) n-Nitrosodiphenylamine	15.745	169	1589116	47.609	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	642058	44.781	ng	# 84
68) Hexachlorobenzene	16.539	284	750824	46.817	ng	# 83
69) Atrazine	16.704	200	618933	50.389	ng	95
70) Pentachlorophenol	16.886	266	915550	104.448	ng	99
71) Phenanthrene	17.268	178	2903685	48.500	ng	99
72) Anthracene	17.362	178	2954480	49.534	ng	99
73) Carbazole	17.633	167	2733507	48.664	ng	97
74) Di-n-butylphthalate	18.198	149	3119552	44.724	ng	# 98
75) Fluoranthene	19.292	202	3561689	49.282	ng	98
77) Benzidine	19.474	184	2223306	88.880	ng	100
78) Pyrene	19.651	202	3727248	46.254	ng	100
80) Butylbenzylphthalate	20.551	149	1474227	43.070	ng	# 85
81) Benzo(a)anthracene	21.403	228	3914634	47.982	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1127150	52.536	ng	# 98
83) Chrysene	21.456	228	3701744	47.519	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2100078	40.734	ng	# 93
85) Di-n-octyl phthalate	22.239	149	3913805	43.432	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.221	276	4830236	47.638	ng	96
88) Benzo(b)fluoranthene	23.056	252	4333520	49.224	ng	99
89) Benzo(k)fluoranthene	23.109	252	4394413	48.779	ng	99
90) Benzo(a)pyrene	23.674	252	4256709	56.789	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	4224114	49.913	ng	97
92) Benzo(g,h,i)perylene	26.968	276	4144798	50.776	ng	95

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

