

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035275.D
 Acq On : 26 May 2022 19:28
 Operator : CG/JU
 Sample : PB145138BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145138BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:35:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 18:41:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	104297	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	438021	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	303832	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	652890	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	700393	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	753728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	774669	143.550	ng	0.00
7) Phenol-d6	7.063	99	981845	131.044	ng	0.00
23) Nitrobenzene-d5	9.045	82	603887	79.474	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	644562	129.729	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1890054	88.385	ng	0.00
79) Terphenyl-d14	19.892	244	3312476	92.618	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	61274	31.611	ng	# 85
3) Pyridine	3.763	79	167099	30.136	ng	85
4) n-Nitrosodimethylamine	3.675	42	98560	38.679	ng	# 77
6) Aniline	7.210	93	377438	46.331	ng	95
8) 2-Chlorophenol	7.451	128	320548	49.580	ng	90
9) Benzaldehyde	7.022	77	173560m	49.106	ng	
10) Phenol	7.087	94	348780	48.009	ng	95
11) bis(2-Chloroethyl)ether	7.310	93	250939	44.492	ng	88
12) 1,3-Dichlorobenzene	7.769	146	336972	46.118	ng	95
13) 1,4-Dichlorobenzene	7.916	146	346600	45.812	ng	98
14) 1,2-Dichlorobenzene	8.234	146	337192	44.966	ng	97
15) Benzyl Alcohol	8.128	79	249087m	44.176	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	271927	38.490	ng	89
17) 2-Methylphenol	8.334	107	253144	47.492	ng	95
18) Hexachloroethane	8.963	117	115674	45.233	ng	# 81
19) n-Nitroso-di-n-propyla...	8.698	70	201977	41.646	ng	# 85
20) 3+4-Methylphenols	8.663	107	343517	45.821	ng	95
22) Acetophenone	8.710	105	441216	42.921	ng	# 91
24) Nitrobenzene	9.087	77	297500	42.916	ng	90
25) Isophorone	9.622	82	561949	44.869	ng	# 93
26) 2-Nitrophenol	9.798	139	182972	46.685	ng	# 89
27) 2,4-Dimethylphenol	9.863	122	294105	54.279	ng	98
28) bis(2-Chloroethoxy)met...	10.098	93	355719	43.115	ng	99
29) 2,4-Dichlorophenol	10.339	162	344952	48.492	ng	96
30) 1,2,4-Trichlorobenzene	10.545	180	370915	45.383	ng	97
31) Naphthalene	10.734	128	957359	44.451	ng	100
32) Benzoic acid	10.045	122	222064	42.088	ng	92
33) 4-Chloroaniline	10.845	127	287973	31.534	ng	# 94
34) Hexachlorobutadiene	11.022	225	251369	46.424	ng	98
35) Caprolactam	11.651	113	93666m	41.088	ng	
36) 4-Chloro-3-methylphenol	11.981	107	326731	44.230	ng	96
37) 2-Methylnaphthalene	12.345	142	718546	44.437	ng	97
38) 1-Methylnaphthalene	12.563	142	690632	43.364	ng	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	471432	48.807	ng	# 96
41) Hexachlorocyclopentadiene	12.698	237	670798	139.038	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	311924	48.168	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	337530	47.977	ng	# 90
46) 1,1'-Biphenyl	13.357	154	1005396	46.385	ng	99
47) 2-Chloronaphthalene	13.398	162	777587	46.230	ng	98
48) 2-Nitroaniline	13.604	65	181480	42.074	ng	# 80
49) Acenaphthylene	14.245	152	1253994	48.189	ng	99
50) Dimethylphthalate	13.986	163	1012418	44.095	ng	# 98
51) 2,6-Dinitrotoluene	14.098	165	225871	46.859	ng	# 79
52) Acenaphthene	14.586	154	714981	45.247	ng	99
53) 3-Nitroaniline	14.427	138	155360	32.473	ng	92
54) 2,4-Dinitrophenol	14.639	184	303015	78.731	ng	# 77
55) Dibenzofuran	14.922	168	1195956	43.866	ng	93
56) 4-Nitrophenol	14.751	139	355287	87.210	ng	# 81
57) 2,4-Dinitrotoluene	14.892	165	311587	45.838	ng	# 80
58) Fluorene	15.569	166	967840	44.093	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	311191	45.490	ng	# 81
60) Diethylphthalate	15.345	149	1004348	43.162	ng	97
61) 4-Chlorophenyl-phenyle...	15.563	204	550165	45.124	ng	90
62) 4-Nitroaniline	15.592	138	211063	41.227	ng	89
63) Azobenzene	15.857	77	715097	40.303	ng	88
65) 4,6-Dinitro-2-methylph...	15.657	198	192619	40.247	ng	79
66) n-Nitrosodiphenylamine	15.780	169	863660	47.693	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	364070	48.305	ng	# 88
68) Hexachlorobenzene	16.574	284	424775	49.862	ng	# 84
69) Atrazine	16.733	200	343015	50.009	ng	96
70) Pentachlorophenol	16.921	266	547358	103.508	ng	98
71) Phenanthrene	17.310	178	1546820	45.917	ng	98
72) Anthracene	17.398	178	1573284	47.407	ng	99
73) Carbazole	17.668	167	1382128	43.018	ng	98
74) Di-n-butylphthalate	18.239	149	1732075	45.873	ng	99
75) Fluoranthene	19.321	202	1872299	44.475	ng	97
77) Benzidine	19.504	184	1184267	107.843	ng	100
78) Pyrene	19.686	202	1929368	47.004	ng	100
80) Butylbenzylphthalate	20.586	149	752059	45.127	ng	# 85
81) Benzo(a)anthracene	21.433	228	2006462	45.925	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	567844	51.952	ng	# 99
83) Chrysene	21.486	228	1882137	45.134	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	1170042	46.668	ng	# 95
85) Di-n-octyl phthalate	22.280	149	2012309	47.026	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.280	276	2358909	47.324	ng	# 94
88) Benzo(b)fluoranthene	23.097	252	2139768	47.798	ng	98
89) Benzo(k)fluoranthene	23.150	252	2146979m	48.198	ng	
90) Benzo(a)pyrene	23.715	252	2063714	55.542	ng	# 97
91) Dibenzo(a,h)anthracene	26.297	278	2091377	50.116	ng	# 96
92) Benzo(g,h,i)perylene	27.038	276	1995842	49.751	ng	# 93

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

