

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035391.D
 Acq On : 03 Jun 2022 12:34
 Operator : CG/JU
 Sample : PB145245BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145245BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 00:44:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	244305	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1096414	20.000	ng	#-0.01
39) Acenaphthene-d10	14.492	164	795858	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1661495	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	1254810	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1030307	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1616880	139.071	ng	0.00
7) Phenol-d6	7.040	99	2015234	126.895	ng	0.00
23) Nitrobenzene-d5	9.016	82	1290032	74.709	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1378996	107.993	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4188182	75.583	ng	0.00
79) Terphenyl-d14	19.862	244	6090073	96.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	104713	26.848	ng	# 88
3) Pyridine	3.734	79	282559	26.567	ng	86
4) n-Nitrosodimethylamine	3.640	42	182290	45.423	ng	# 68
6) Aniline	7.181	93	749987	43.204	ng	94
8) 2-Chlorophenol	7.422	128	660353	45.265	ng	89
9) Benzaldehyde	6.987	77	275599	41.565	ng	90
10) Phenol	7.063	94	711443	46.470	ng	92
11) bis(2-Chloroethyl)ether	7.275	93	532647	42.770	ng	90
12) 1,3-Dichlorobenzene	7.740	146	668586	39.243	ng	# 94
13) 1,4-Dichlorobenzene	7.881	146	691426	39.528	ng	97
14) 1,2-Dichlorobenzene	8.198	146	683809	39.866	ng	97
15) Benzyl Alcohol	8.098	79	510368m	43.980	ng	
16) 2,2'-oxybis(1-Chloropr...	8.381	45	645097	42.485	ng	93
17) 2-Methylphenol	8.310	107	519674	44.900	ng	95
18) Hexachloroethane	8.928	117	234540	41.107	ng	# 82
19) n-Nitroso-di-n-propyla...	8.669	70	422428	42.062	ng	# 85
20) 3+4-Methylphenols	8.639	107	708787	43.751	ng	96
22) Acetophenone	8.681	105	894636	36.703	ng	# 91
24) Nitrobenzene	9.057	77	620874	39.694	ng	91
25) Isophorone	9.592	82	1233179	41.291	ng	# 93
26) 2-Nitrophenol	9.769	139	398862	38.970	ng	# 84
27) 2,4-Dimethylphenol	9.839	122	624346	46.000	ng	98
28) bis(2-Chloroethoxy)met...	10.063	93	805142	39.010	ng	99
29) 2,4-Dichlorophenol	10.310	162	767173	41.453	ng	96
30) 1,2,4-Trichlorobenzene	10.516	180	806182	37.868	ng	98
31) Naphthalene	10.698	128	2058875	38.756	ng	100
32) Benzoic acid	10.051	122	485084	39.954	ng	93
33) 4-Chloroaniline	10.816	127	694303	31.208	ng	# 94
34) Hexachlorobutadiene	10.986	225	517772	36.780	ng	98
35) Caprolactam	11.639	113	207072m	38.016	ng	
36) 4-Chloro-3-methylphenol	11.957	107	693740	40.661	ng	92
37) 2-Methylnaphthalene	12.316	142	1575470	39.302	ng	96
38) 1-Methylnaphthalene	12.533	142	1512035	38.490	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.686	216	995769	38.165	ng	# 96
41) Hexachlorocyclopentadiene	12.663	237	1044972	82.038	ng	99
43) 2,4,6-Trichlorophenol	12.933	196	687219	39.023	ng	99

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44) 2,4,5-Trichlorophenol	13.010	196	745054	39.406	ng	# 91
46) 1,1'-Biphenyl	13.327	154	2190234	38.607	ng	98
47) 2-Chloronaphthalene	13.369	162	1717347	38.802	ng	96
48) 2-Nitroaniline	13.580	65	397171	40.380	ng	# 77
49) Acenaphthylene	14.210	152	2754408	40.866	ng	99
50) Dimethylphthalate	13.963	163	2245439	38.380	ng	98
51) 2,6-Dinitrotoluene	14.074	165	510581	40.882	ng	# 75
52) Acenaphthene	14.557	154	1581955	38.761	ng	98
53) 3-Nitroaniline	14.404	138	366512	30.915	ng	88
54) 2,4-Dinitrophenol	14.621	184	658444	74.206	ng	# 73
55) Dibenzofuran	14.892	168	2630092	37.520	ng	93
56) 4-Nitrophenol	14.739	139	713037	80.139	ng	# 78
57) 2,4-Dinitrotoluene	14.868	165	688320	40.262	ng	# 80
58) Fluorene	15.539	166	2097588	38.300	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	654720	37.618	ng	# 82
60) Diethylphthalate	15.321	149	2252474	38.932	ng	96
61) 4-Chlorophenyl-phenyle...	15.533	204	1192569	37.965	ng	90
62) 4-Nitroaniline	15.574	138	441786	35.715	ng	87
63) Azobenzene	15.827	77	1625185	39.562	ng	88
65) 4,6-Dinitro-2-methylph...	15.633	198	422715	37.872	ng	80
66) n-Nitrosodiphenylamine	15.751	169	1915078	40.845	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	802166	39.830	ng	# 86
68) Hexachlorobenzene	16.551	284	888358	39.434	ng	# 85
69) Atrazine	16.710	200	732674	42.464	ng	96
70) Pentachlorophenol	16.898	266	997528	81.014	ng	99
71) Phenanthrene	17.280	178	3295152	39.182	ng	100
72) Anthracene	17.368	178	3341206	39.879	ng	99
73) Carbazole	17.645	167	2855564	36.191	ng	97
74) Di-n-butylphthalate	18.209	149	3809369	38.879	ng	99
75) Fluoranthene	19.298	202	3594191	35.404	ng	97
77) Benzidine	19.480	184	1181623	50.024	ng	100
78) Pyrene	19.656	202	3600992	47.323	ng	99
80) Butylbenzylphthalate	20.556	149	1428003	44.181	ng	# 86
81) Benzo(a)anthracene	21.403	228	3126515	40.583	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1021432	50.418	ng	# 99
83) Chrysene	21.456	228	2871065	39.030	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2154869	44.262	ng	# 95
85) Di-n-octyl phthalate	22.244	149	3385473	39.785	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.227	276	2925172	42.798	ng	# 95
88) Benzo(b)fluoranthene	23.062	252	2776223	46.783	ng	98
89) Benzo(k)fluoranthene	23.109	252	2700301m	44.467	ng	
90) Benzo(a)pyrene	23.674	252	2613141	51.719	ng	# 97
91) Dibenzo(a,h)anthracene	26.232	278	2613757	45.818	ng	# 97
92) Benzo(g,h,i)perylene	26.974	276	2514442	45.697	ng	# 95

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

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