

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035807.D
 Acq On : 14 Jul 2022 11:43
 Operator : CG/JU
 Sample : PB146151BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146151BS

Quant Time: Jul 15 01:08:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

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 Upadhyay

07/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	380852	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1716508	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1054114	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	2133748	20.000	ng	0.00
76) Chrysene-d12	21.462	240	2097164	20.000	ng	0.00
86) Perylene-d12	23.844	264	2294509	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3058955	130.460	ng	0.00
7) Phenol-d6	7.081	99	3945404	134.522	ng	0.01
23) Nitrobenzene-d5	9.081	82	2276965	75.833	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	1510717	141.127	ng	0.01
45) 2-Fluorobiphenyl	13.180	172	5236105	69.275	ng	0.00
79) Terphenyl-d14	19.909	244	8249367	76.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	246963	24.970	ng	95
3) Pyridine	3.722	79	744544	29.006	ng	90
4) n-Nitrosodimethylamine	3.646	42	428619	37.937	ng	# 68
6) Aniline	7.234	93	1581402	48.250	ng	95
8) 2-Chlorophenol	7.475	128	1173273	48.059	ng	94
9) Benzaldehyde	7.046	77	603834	37.721	ng	91
10) Phenol	7.104	94	1465038	49.607	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	1056464	43.389	ng	97
12) 1,3-Dichlorobenzene	7.798	146	1118095	39.950	ng	97
13) 1,4-Dichlorobenzene	7.946	146	1154550	40.501	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1127483	40.986	ng	99
15) Benzyl Alcohol	8.157	79	963264m	51.072	ng	
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1426997	45.401	ng	97
17) 2-Methylphenol	8.357	107	963326	50.596	ng	95
18) Hexachloroethane	8.992	117	427845	42.652	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	829186	49.230	ng	88
20) 3+4-Methylphenols	8.693	107	1303231	51.141	ng	96
22) Acetophenone	8.740	105	1679942	40.542	ng	# 92
24) Nitrobenzene	9.122	77	1198652	42.365	ng	95
25) Isophorone	9.651	82	2316600	48.712	ng	97
26) 2-Nitrophenol	9.834	139	564064	46.659	ng	91
27) 2,4-Dimethylphenol	9.898	122	1077227	52.793	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	1415053	42.202	ng	99
29) 2,4-Dichlorophenol	10.369	162	1056591	47.299	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	1040292	37.683	ng	98
31) Naphthalene	10.769	128	3462243	39.939	ng	99
32) Benzoic acid	10.045	122	704883	50.696	ng	91
33) 4-Chloroaniline	10.881	127	1261879	36.816	ng	96
34) Hexachlorobutadiene	11.051	225	602314	37.830	ng	98
35) Caprolactam	11.669	113	363418m	52.765	ng	
36) 4-Chloro-3-methylphenol	12.004	107	1142102	50.560	ng	99
37) 2-Methylnaphthalene	12.381	142	2426370	42.554	ng	97
38) 1-Methylnaphthalene	12.598	142	2330799	41.963	ng	98
40) 1,2,4,5-Tetrachloroben...	12.745	216	1159936	38.011	ng	98
41) Hexachlorocyclopentadiene	12.722	237	1665794	104.665	ng	99
43) 2,4,6-Trichlorophenol	12.986	196	825183	46.412	ng	100

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44) 2,4,5-Trichlorophenol	13.057	196	896821	47.022	ng	98
46) 1,1'-Biphenyl	13.386	154	3122867	39.007	ng	99
47) 2-Chloronaphthalene	13.427	162	2413700	39.378	ng	100
48) 2-Nitroaniline	13.633	65	723517	45.306	ng	88
49) Acenaphthylene	14.269	152	3914330	42.249	ng	100
50) Dimethylphthalate	14.016	163	2946865	43.375	ng	99
51) 2,6-Dinitrotoluene	14.127	165	665146	45.109	ng	92
52) Acenaphthene	14.610	154	2321105	41.048	ng	99
53) 3-Nitroaniline	14.457	138	653601	37.625	ng	93
54) 2,4-Dinitrophenol	14.663	184	661706	103.763	ng	# 86
55) Dibenzofuran	14.945	168	3607532	39.452	ng	98
56) 4-Nitrophenol	14.769	139	1327026	95.242	ng	83
57) 2,4-Dinitrotoluene	14.910	165	918050	47.055	ng	98
58) Fluorene	15.592	166	3027470	41.729	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	755538	48.051	ng	96
60) Diethylphthalate	15.374	149	3031782	45.357	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	1439005	39.950	ng	97
62) 4-Nitroaniline	15.616	138	802984	43.815	ng	91
63) Azobenzene	15.880	77	2905982	41.951	ng	94
65) 4,6-Dinitro-2-methylph...	15.669	198	396493	44.673	ng	95
66) n-Nitrosodiphenylamine	15.804	169	2595409	42.537	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	892564	42.238	ng	95
68) Hexachlorobenzene	16.586	284	1045523	41.891	ng	93
69) Atrazine	16.757	200	879660	55.797	ng	97
70) Pentachlorophenol	16.933	266	1322599	102.576	ng	100
71) Phenanthrene	17.327	178	4619486	41.212	ng	100
72) Anthracene	17.421	178	4733006	43.891	ng	99
73) Carbazole	17.686	167	4466632	41.172	ng	99
74) Di-n-butylphthalate	18.262	149	5144626	44.611	ng	99
75) Fluoranthene	19.339	202	5409467	43.152	ng	98
77) Benzidine	19.527	184	4014808	136.744	ng	99
78) Pyrene	19.704	202	5565156	42.256	ng	99
80) Butylbenzylphthalate	20.604	149	2193409	47.160	ng	100
81) Benzo(a)anthracene	21.445	228	5531092	42.043	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	1701238	63.785	ng	100
83) Chrysene	21.498	228	5154537	40.582	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	3242782	46.293	ng	98
85) Di-n-octyl phthalate	22.315	149	5332960	51.960	ng	96
87) Indeno(1,2,3-cd)pyrene	26.344	276	7144520	42.759	ng	99
88) Benzo(b)fluoranthene	23.121	252	5933882	42.818	ng	98
89) Benzo(k)fluoranthene	23.174	252	5965218	41.153	ng	99
90) Benzo(a)pyrene	23.744	252	5416497	46.712	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	6189415	44.653	ng	99
92) Benzo(g,h,i)perylene	27.115	276	6074970	44.420	ng	99

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

