

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039217.D
 Acq On : 29 Mar 2023 22:45
 Operator : CG/JU
 Sample : SP6173
 Misc : 8270/625 SPIKE
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6173

Quant Time: Mar 30 05:57:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	240359	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	946173	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	517803	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1005832	20.000	ng	0.00
76) Chrysene-d12	21.503	240	767035	20.000	ng	0.00
86) Perylene-d12	23.915	264	759743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	333405	51.128	ng	99
3) Pyridine	3.757	79	842010	46.091	ng	99
4) n-Nitrosodimethylamine	3.669	42	381616	53.190	ng	98
6) Aniline	7.251	93	1225848	47.998	ng	99
8) 2-Chlorophenol	7.487	128	905929	55.480	ng	98
9) Benzaldehyde	7.063	77	703181	59.838	ng	99
10) Phenol	7.122	94	1139786	55.118	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	901696	54.202	ng	99
12) 1,3-Dichlorobenzene	7.816	146	982190	56.718	ng	100
13) 1,4-Dichlorobenzene	7.963	146	994930	56.821	ng	99
14) 1,2-Dichlorobenzene	8.281	146	950776	56.786	ng	98
15) Benzyl Alcohol	8.175	79	757868m	53.398	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1181272	55.515	ng	100
17) 2-Methylphenol	8.381	107	743089	51.361	ng	100
18) Hexachloroethane	9.010	117	385169	56.867	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	674637	51.145	ng	98
20) 3+4-Methylphenols	8.710	107	994979	51.179	ng	99
22) Acetophenone	8.757	105	1329727	52.562	ng	# 99
24) Nitrobenzene	9.139	77	980132	50.617	ng	99
25) Isophorone	9.669	82	1820161	50.117	ng	100
26) 2-Nitrophenol	9.851	139	478639	53.473	ng	98
27) 2,4-Dimethylphenol	9.916	122	818157	55.012	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1153423	52.464	ng	100
29) 2,4-Dichlorophenol	10.386	162	788928	54.369	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	846499	54.529	ng	99
31) Naphthalene	10.786	128	2636505	51.713	ng	99
32) Benzoic acid	10.075	122	571865	49.335	ng	99
33) 4-Chloroaniline	10.904	127	612596	27.426	ng	100
34) Hexachlorobutadiene	11.069	225	491077	53.797	ng	98
35) Caprolactam	11.698	113	244686	48.565	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	820579	51.255	ng	100
37) 2-Methylnaphthalene	12.398	142	1734667	48.875	ng	99
38) 1-Methylnaphthalene	12.616	142	1618670	48.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	867060	54.998	ng	98
41) Hexachlorocyclopentadiene	12.739	237	1280739	148.703	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	596300	55.461	ng	99

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44) 2,4,5-Trichlorophenol	13.080	196	637717	50.595	ng	99
46) 1,1'-Biphenyl	13.404	154	2206016	53.950	ng	99
47) 2-Chloronaphthalene	13.451	162	1698387	54.857	ng	99
48) 2-Nitroaniline	13.657	65	531238	50.989	ng	99
49) Acenaphthylene	14.298	152	2648790	52.055	ng	100
50) Dimethylphthalate	14.033	163	2017685	50.562	ng	100
51) 2,6-Dinitrotoluene	14.157	165	443367	51.665	ng	99
52) Acenaphthene	14.639	154	1560540	51.937	ng	99
53) 3-Nitroaniline	14.486	138	307989	31.045	ng	98
54) 2,4-Dinitrophenol	14.692	184	560168	110.224	ng	99
55) Dibenzofuran	14.974	168	2453369	50.717	ng	99
56) 4-Nitrophenol	14.798	139	811170	106.035	ng	96
57) 2,4-Dinitrotoluene	14.939	165	598848	51.586	ng	95
58) Fluorene	15.621	166	1938580	50.609	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	525664	52.424	ng	100
60) Diethylphthalate	15.392	149	2009141	50.021	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	964307	50.796	ng	98
62) 4-Nitroaniline	15.645	138	482149	47.360	ng	99
63) Azobenzene	15.904	77	2070723	51.457	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	356436	53.866	ng	95
66) n-Nitrosodiphenylamine	15.827	169	1673139	52.788	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	569700	53.036	ng	99
68) Hexachlorobenzene	16.621	284	643678	55.265	ng	98
69) Atrazine	16.786	200	579314	57.708	ng	98
70) Pentachlorophenol	16.968	266	832985	99.684	ng	99
71) Phenanthrene	17.362	178	2831292	51.396	ng	100
72) Anthracene	17.451	178	2897085	51.576	ng	99
73) Carbazole	17.727	167	2676690	50.996	ng	99
74) Di-n-butylphthalate	18.286	149	3371060	51.920	ng	100
75) Fluoranthene	19.374	202	3033143	48.302	ng	99
77) Benzidine	19.562	184	2450771	121.136	ng	100
78) Pyrene	19.739	202	3138286	57.473	ng	100
80) Butylbenzylphthalate	20.639	149	1358949	54.323	ng	99
81) Benzo(a)anthracene	21.486	228	2786415	51.509	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	721395	40.031	ng	99
83) Chrysene	21.539	228	2595486	49.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1990088	53.864	ng	99
85) Di-n-octyl phthalate	22.339	149	3340020	50.177	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	2750666	49.139	ng	100
88) Benzo(b)fluoranthene	23.180	252	2584986	55.607	ng	99
89) Benzo(k)fluoranthene	23.227	252	2620402	55.339	ng	99
90) Benzo(a)pyrene	23.809	252	2242415	49.103	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2319922	49.356	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2211496	47.842	ng	99

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

