

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005643.D
 Acq On : 28 May 2021 17:29
 Operator : CG/JU
 Sample : M2560-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S1-COMP-A-B-C-DMSD

Manual Integrations
 APPROVED

mohammad
 6/1/2021 1:18:40 PM

Quant Time: May 28 18:22:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	203640	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	775398	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	453149	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	891747	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1023593	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1274005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1568634	119.76	ng	0.00
7) Phenol-d6	7.146	99	1950491	109.23	ng	0.00
23) Nitrobenzene-d5	9.152	82	1219597	87.47	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	765242	131.70	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2443495	71.36	ng	0.00
79) Terphenyl-d14	19.892	244	3448457	63.22	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	197338	32.92	ng	88
3) Pyridine	3.822	79	531430	35.81	ng	91
4) n-Nitrosodimethylamine	3.728	42	261453	39.56	ng	# 27
6) Aniline	7.310	93	456599	21.87	ng	94
8) 2-Chlorophenol	7.552	128	597732	40.76	ng	95
9) Benzaldehyde	7.122	77	404540	52.33	ng	90
10) Phenol	7.175	94	768055	42.13	ng	100
11) bis(2-Chloroethyl)ether	7.410	93	559380	39.74	ng	99
12) 1,3-Dichlorobenzene	7.875	146	652293	39.18	ng	98
13) 1,4-Dichlorobenzene	8.022	146	662165	39.25	ng	98
14) 1,2-Dichlorobenzene	8.340	146	637943	39.54	ng	99
15) Benzyl Alcohol	8.228	79	514923	40.20	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.522	45	616857	38.28	ng	84
17) 2-Methylphenol	8.428	107	479812	40.43	ng	95
18) Hexachloroethane	9.075	117	238240	39.79	ng	90
19) n-Nitroso-di-n-propyla...	8.799	70	420438	37.02	ng	98
20) 3+4-Methylphenols	8.757	107	640644	40.52	ng	95
22) Acetophenone	8.810	105	842883	40.75	ng	# 98
24) Nitrobenzene	9.193	77	637455	41.16	ng	93
25) Isophorone	9.722	82	1078048	34.83	ng	# 98
26) 2-Nitrophenol	9.904	139	279741	47.31	ng	# 78
27) 2,4-Dimethylphenol	9.963	122	533820	44.93	ng	97
28) bis(2-Chloroethoxy)met...	10.204	93	683386	41.02	ng	98
29) 2,4-Dichlorophenol	10.440	162	529899	41.47	ng	98
30) 1,2,4-Trichlorobenzene	10.657	180	590676	39.03	ng	98
31) Naphthalene	10.846	128	1757188	38.05	ng	98
32) Benzoic acid	10.093	122	342623	51.87	ng	95
33) 4-Chloroaniline	10.951	127	199136	10.36	ng	# 90
34) Hexachlorobutadiene	11.134	225	366278	38.75	ng	99
35) Caprolactam	11.734	113	160338m	45.82	ng	
36) 4-Chloro-3-methylphenol	12.069	107	540914	40.21	ng	94
37) 2-Methylnaphthalene	12.445	142	1226191	37.48	ng	# 88
38) 1-Methylnaphthalene	12.663	142	1137384	36.64	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.810	216	646116	42.74	ng	# 97
41) Hexachlorocyclopentadiene	12.798	237	713907	84.83	ng	97
43) 2,4,6-Trichlorophenol	13.045	196	414694	45.23	ng	94

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44) 2,4,5-Trichlorophenol	13.116	196	450761	45.46	ng	#	94
46) 1,1'-Biphenyl	13.445	154	1523113	41.39	ng		98
47) 2-Chloronaphthalene	13.487	162	1169903	39.12	ng		99
48) 2-Nitroaniline	13.687	65	320733	45.44	ng	#	77
49) Acenaphthylene	14.334	152	1860051	39.90	ng		99
50) Dimethylphthalate	14.069	163	1702272	47.23	ng		99
51) 2,6-Dinitrotoluene	14.181	165	298941	38.65	ng	#	66
52) Acenaphthene	14.675	154	1235512m	40.77	ng		
53) 3-Nitroaniline	14.504	138	172790	23.93	ng		83
54) 2,4-Dinitrophenol	14.710	184	222098	68.35	ng		95
55) Dibenzofuran	15.004	168	1734136	37.33	ng		97
56) 4-Nitrophenol	14.810	139	578294	85.73	ng	#	58
57) 2,4-Dinitrotoluene	14.963	165	402814	41.53	ng	#	68
58) Fluorene	15.651	166	1405460	37.84	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	387436m	45.16	ng		
60) Diethylphthalate	15.428	149	1383521	38.26	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	705748	38.01	ng		97
62) 4-Nitroaniline	15.663	138	287324	35.81	ng	#	46
63) Azobenzene	15.939	77	1390833	36.73	ng		94
65) 4,6-Dinitro-2-methylph...	15.722	198	143187	35.75	ng		79
66) n-Nitrosodiphenylamine	15.857	169	1223630	40.27	ng		92
67) 4-Bromophenyl-phenylether	16.539	248	451447	42.02	ng		95
68) Hexachlorobenzene	16.657	284	522391	40.84	ng	#	91
69) Atrazine	16.810	200	434561	50.04	ng		93
70) Pentachlorophenol	16.998	266	653732	101.90	ng		96
71) Phenanthrene	17.392	178	2227920	40.10	ng		99
72) Anthracene	17.486	178	2225069	40.56	ng		100
73) Carbazole	17.751	167	2014898	37.32	ng		99
74) Di-n-butylphthalate	18.304	149	2360776	40.83	ng	#	91
75) Fluoranthene	19.351	202	2703303	40.54	ng		95
77) Benzidine	19.522	184	1131639	58.21	ng		99
78) Pyrene	19.698	202	2812882	38.95	ng		99
80) Butylbenzylphthalate	20.569	149	1108914	38.82	ng	#	92
81) Benzo(a)anthracene	21.404	228	2973142	39.58	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	733657	30.24	ng	#	97
83) Chrysene	21.457	228	2901509	39.89	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1621042	39.73	ng	#	96
85) Di-n-octyl phthalate	22.263	149	2943123	42.92	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.433	276	4590781	42.35	ng	#	90
88) Benzo(b)fluoranthene	23.116	252	3597583	38.92	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	3353020	38.28	ng	#	96
90) Benzo(a)pyrene	23.757	252	3504725	41.68	ng	#	96
91) Dibenzo(a,h)anthracene	26.451	278	3847370	40.90	ng	#	93
92) Benzo(g,h,i)perylene	27.221	276	3897404	42.96	ng	#	92

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

