

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035378.D
 Acq On : 03 Jun 2022 00:46
 Operator : CG/JU
 Sample : N3099-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220429-SPLP-AMENDED-COMPOSITE-IMS

Quant Time: Jun 03 02:19:04 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	132707	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	535975	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	357665	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	796053	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	918856	20.000	ng	# 0.00
86) Perylene-d12	23.779	264	1065627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	473473	74.971	ng	0.00
7) Phenol-d6	7.034	99	389052	45.099	ng	0.00
23) Nitrobenzene-d5	9.010	82	782966	92.757	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	772265	134.573	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2351607	94.433	ng	0.00
79) Terphenyl-d14	19.862	244	4273328	92.655	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	57540	27.159	ng	# 86
3) Pyridine	3.734	79	133536	23.114	ng	86
4) n-Nitrosodimethylamine	3.646	42	64247	29.472	ng	# 70
6) Aniline	7.175	93	362270	38.418	ng	95
8) 2-Chlorophenol	7.422	128	398036	50.228	ng	89
9) Benzaldehyde	6.992	77	187144	56.987	ng	88
10) Phenol	7.063	94	172402	20.731	ng	90
11) bis(2-Chloroethyl)ether	7.275	93	386343	57.110	ng	90
12) 1,3-Dichlorobenzene	7.739	146	501084	54.144	ng	# 94
13) 1,4-Dichlorobenzene	7.886	146	510382	53.714	ng	97
14) 1,2-Dichlorobenzene	8.204	146	496574	53.295	ng	96
15) Benzyl Alcohol	8.098	79	247136m	39.205	ng	
16) 2,2'-oxybis(1-Chloropr...	8.386	45	436710	52.948	ng	92
17) 2-Methylphenol	8.310	107	263088	41.846	ng	94
18) Hexachloroethane	8.928	117	169180	54.586	ng	# 81
19) n-Nitroso-di-n-propyla...	8.663	70	294781	54.035	ng	# 85
20) 3+4-Methylphenols	8.639	107	323094	36.715	ng	95
22) Acetophenone	8.675	105	675472	56.689	ng	# 91
24) Nitrobenzene	9.057	77	457096	59.781	ng	# 87
25) Isophorone	9.586	82	870971	59.658	ng	# 93
26) 2-Nitrophenol	9.763	139	279348	55.832	ng	# 86
27) 2,4-Dimethylphenol	9.839	122	406528	61.270	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	559362	55.440	ng	99
29) 2,4-Dichlorophenol	10.310	162	498396	55.089	ng	97
30) 1,2,4-Trichlorobenzene	10.516	180	556579	53.480	ng	97
31) Naphthalene	10.698	128	1474319	56.771	ng	99
32) Benzoic acid	9.998	122	131117	22.092	ng	89
33) 4-Chloroaniline	10.816	127	411686	37.855	ng	# 94
34) Hexachlorobutadiene	10.986	225	344661	50.084	ng	98
35) Caprolactam	11.669	113	28439	10.680	ng	# 73
36) 4-Chloro-3-methylphenol	11.957	107	428651	51.394	ng	93
37) 2-Methylnaphthalene	12.316	142	1105219	56.400	ng	96
38) 1-Methylnaphthalene	12.533	142	1067579	55.592	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.686	216	687078	58.596	ng	# 96
41) Hexachlorocyclopentadiene	12.663	237	367981	65.321	ng	98
43) 2,4,6-Trichlorophenol	12.927	196	459672	58.081	ng	98

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44) 2,4,5-Trichlorophenol	13.010	196	499888	58.832	ng	# 90
46) 1,1'-Biphenyl	13.327	154	1534561	60.189	ng	99
47) 2-Chloronaphthalene	13.368	162	1211112	60.889	ng	96
48) 2-Nitroaniline	13.574	65	286785	64.880	ng	# 78
49) Acenaphthylene	14.215	152	1923241	63.492	ng	100
50) Dimethylphthalate	13.957	163	1498561	56.995	ng	# 99
51) 2,6-Dinitrotoluene	14.074	165	348989	62.178	ng	# 73
52) Acenaphthene	14.557	154	1112681	60.664	ng	99
53) 3-Nitroaniline	14.404	138	223369	41.924	ng	87
54) 2,4-Dinitrophenol	14.621	184	421523	104.585	ng	# 70
55) Dibenzofuran	14.892	168	1852164	58.793	ng	92
56) 4-Nitrophenol	14.733	139	218369	54.611	ng	# 76
57) 2,4-Dinitrotoluene	14.862	165	482217	62.764	ng	# 80
58) Fluorene	15.539	166	1482585	60.235	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	438406	56.050	ng	# 81
60) Diethylphthalate	15.315	149	1464041	56.307	ng	96
61) 4-Chlorophenyl-phenyle...	15.533	204	794669	56.291	ng	# 89
62) 4-Nitroaniline	15.568	138	335049	60.271	ng	85
63) Azobenzene	15.827	77	1088610	58.966	ng	87
65) 4,6-Dinitro-2-methylph...	15.633	198	279891	52.338	ng	78
66) n-Nitrosodiphenylamine	15.751	169	1337704	59.548	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	533937	55.334	ng	# 87
68) Hexachlorobenzene	16.551	284	616942	57.159	ng	# 83
69) Atrazine	16.709	200	455527	55.104	ng	97
70) Pentachlorophenol	16.898	266	778279	131.925	ng	98
71) Phenanthrene	17.280	178	2426209	60.214	ng	99
72) Anthracene	17.368	178	2475377	61.666	ng	99
73) Carbazole	17.645	167	2249965	59.517	ng	97
74) Di-n-butylphthalate	18.209	149	2680871	57.108	ng	# 98
75) Fluoranthene	19.297	202	2986465	61.400	ng	98
77) Benzidine	19.480	184	575607	33.278	ng	100
78) Pyrene	19.656	202	3092864	55.507	ng	99
80) Butylbenzylphthalate	20.556	149	1257420	53.128	ng	# 86
81) Benzo(a)anthracene	21.403	228	3363138	59.615	ng	99
82) 3,3'-Dichlorobenzidine	21.338	252	1100644	74.191	ng	# 98
83) Chrysene	21.456	228	3166235	58.779	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1848613	51.855	ng	# 95
85) Di-n-octyl phthalate	22.244	149	3564047	57.198	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.232	276	4506670	63.752	ng	95
88) Benzo(b)fluoranthene	23.068	252	3862239	62.926	ng	98
89) Benzo(k)fluoranthene	23.109	252	3775093	60.105	ng	98
90) Benzo(a)pyrene	23.680	252	3769553	72.133	ng	# 97
91) Dibenzo(a,h)anthracene	26.244	278	3955717	67.043	ng	96
92) Benzo(g,h,i)perylene	26.979	276	3949432	69.397	ng	95

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

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