

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
 Data File : BM035448.D
 Acq On : 10 Jun 2022 14:28
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 15:03:03 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 10 14:00:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	318826	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1309842	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	749192	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1362501	20.000	ng	# 0.00
76) Chrysene-d12	21.397	240	1069054	20.000	ng	0.00
86) Perylene-d12	23.744	264	1092301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2232154	147.117	ng	0.00
7) Phenol-d6	7.010	99	3122145	150.644	ng	0.00
23) Nitrobenzene-d5	8.987	82	2954727	143.234	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	981756	81.673	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	6188182	118.633	ng	0.00
79) Terphenyl-d14	19.839	244	6479553	120.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	418214	82.165	ng	95
3) Pyridine	3.705	79	1193460m	85.985	ng	
4) n-Nitrosodimethylamine	3.616	42	559580	106.846	ng	81
6) Aniline	7.151	93	1701519	75.107	ng	99
8) 2-Chlorophenol	7.387	128	1298341	68.195	ng	99
9) Benzaldehyde	6.963	77	645646	66.492	ng	97
10) Phenol	7.034	94	1526439	76.399	ng	95
11) bis(2-Chloroethyl)ether	7.251	93	1192824	73.393	ng	98
12) 1,3-Dichlorobenzene	7.710	146	1358100	61.082	ng	98
13) 1,4-Dichlorobenzene	7.857	146	1376761	60.311	ng	99
14) 1,2-Dichlorobenzene	8.175	146	1359602	60.737	ng	100
15) Benzyl Alcohol	8.075	79	1084576	71.616	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.357	45	2014767	101.676	ng	98
17) 2-Methylphenol	8.281	107	1050265	69.533	ng	95
18) Hexachloroethane	8.892	117	504274	67.724	ng	95
19) n-Nitroso-di-n-propyla...	8.639	70	969304	73.956	ng	97
20) 3+4-Methylphenols	8.610	107	1460047	69.059	ng	96
22) Acetophenone	8.651	105	1925230	66.115	ng	# 98
24) Nitrobenzene	9.028	77	1354754	72.500	ng	97
25) Isophorone	9.563	82	2421740	67.876	ng	98
26) 2-Nitrophenol	9.739	139	736992	60.273	ng	92
27) 2,4-Dimethylphenol	9.810	122	1023755	63.137	ng	98
28) bis(2-Chloroethoxy)met...	10.039	93	1667554	67.630	ng	99
29) 2,4-Dichlorophenol	10.281	162	1161344	52.526	ng	98
30) 1,2,4-Trichlorobenzene	10.486	180	1243804	48.904	ng	98
31) Naphthalene	10.669	128	3944605	62.153	ng	100
32) Benzoic acid	10.028	122	934268	64.413	ng	96
33) 4-Chloroaniline	10.786	127	1637715	61.619	ng	98
34) Hexachlorobutadiene	10.957	225	705015	41.921	ng	99
35) Caprolactam	11.610	113	381651	58.649	ng	91
36) 4-Chloro-3-methylphenol	11.933	107	1269471	62.281	ng	99
37) 2-Methylnaphthalene	12.286	142	2712103	56.632	ng	98
38) 1-Methylnaphthalene	12.504	142	2641093	56.276	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	1296867	52.801	ng	99
41) Hexachlorocyclopentadiene	12.633	237	511997	48.563	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	905954	54.648	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	962985	54.105	ng	97
46) 1,1'-Biphenyl	13.298	154	3478618	65.136	ng	98
47) 2-Chloronaphthalene	13.339	162	2642244	63.417	ng	97
48) 2-Nitroaniline	13.557	65	829866	89.628	ng	97
49) Acenaphthylene	14.186	152	4111427	64.798	ng	100
50) Dimethylphthalate	13.933	163	3183290	57.799	ng	100
51) 2,6-Dinitrotoluene	14.051	165	694574	59.078	ng	92
52) Acenaphthene	14.527	154	2444913	63.636	ng	99
53) 3-Nitroaniline	14.386	138	757875	67.907	ng	95
54) 2,4-Dinitrophenol	14.598	184	407347	52.826	ng	94
55) Dibenzofuran	14.863	168	3854880	58.417	ng	98
56) 4-Nitrophenol	14.716	139	539268	64.384	ng	86
57) 2,4-Dinitrotoluene	14.845	165	906148	56.305	ng	97
58) Fluorene	15.515	166	2981141	57.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	771296	47.076	ng	97
60) Diethylphthalate	15.292	149	3190598	58.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	1444369	48.845	ng	99
62) 4-Nitroaniline	15.551	138	750852	64.482	ng	89
63) Azobenzene	15.804	77	3083013	79.724	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	560624	61.249	ng	90
66) n-Nitrosodiphenylamine	15.727	169	2604085	67.728	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	881546	53.377	ng	98
68) Hexachlorobenzene	16.521	284	948769	51.358	ng	96
69) Atrazine	16.680	200	733197	51.820	ng	99
70) Pentachlorophenol	16.868	266	526314	52.125	ng	99
71) Phenanthrene	17.251	178	4363072	63.266	ng	100
72) Anthracene	17.345	178	4323217	62.924	ng	100
73) Carbazole	17.621	167	4143830	64.043	ng	99
74) Di-n-butylphthalate	18.186	149	5003388	62.272	ng	99
75) Fluoranthene	19.274	202	4402773	52.886	ng	98
77) Benzidine	19.456	184	890549	44.252	ng	99
78) Pyrene	19.633	202	4516718	69.671	ng	100
80) Butylbenzylphthalate	20.533	149	2067838	75.094	ng	100
81) Benzo(a)anthracene	21.386	228	4028758	61.380	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	930597	53.915	ng	99
83) Chrysene	21.433	228	3893357	62.123	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2943784	70.974	ng	99
85) Di-n-octyl phthalate	22.221	149	4887306	67.414	ng	99
87) Indeno(1,2,3-cd)pyrene	26.174	276	4754537	65.616	ng	# 94
88) Benzo(b)fluoranthene	23.033	252	3865847	61.447	ng	# 97
89) Benzo(k)fluoranthene	23.080	252	3824916	59.412	ng	# 97
90) Benzo(a)pyrene	23.639	252	3297691	61.563	ng	# 96
91) Dibenzo(a,h)anthracene	26.185	278	3923217	64.869	ng	# 96
92) Benzo(g,h,i)perylene	26.915	276	3938643	67.517	ng	95

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

Manual Integrations

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