

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035359.D
 Acq On : 02 Jun 2022 12:55
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 15:15:57 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 15:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	199529	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	824505	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	622532	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1438113	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	1505761	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	1436247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	418689	38.744	ng	0.00
7) Phenol-d6	7.040	99	578678	41.355	ng	0.00
23) Nitrobenzene-d5	9.016	82	559881	37.381	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	438271	54.268	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1889631	42.093	ng	0.00
79) Terphenyl-d14	19.868	244	3428007	40.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	68268	16.131	ng	# 85
3) Pyridine	3.734	79	184902	16.793	ng	# 86
4) n-Nitrosodimethylamine	3.646	42	68245	12.726	ng	# 65
6) Aniline	7.181	93	315022	21.189	ng	93
8) 2-Chlorophenol	7.422	128	261339	21.491	ng	90
9) Benzaldehyde	6.993	77	146551	20.200	ng	88
10) Phenol	7.063	94	276586	20.282	ng	90
11) bis(2-Chloroethyl)ether	7.281	93	227266	21.320	ng	90
12) 1,3-Dichlorobenzene	7.746	146	301842	21.475	ng	# 94
13) 1,4-Dichlorobenzene	7.887	146	313381	21.831	ng	97
14) 1,2-Dichlorobenzene	8.204	146	304642	21.866	ng	95
15) Benzyl Alcohol	8.098	79	208347	20.934	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.387	45	270114	18.854	ng	92
17) 2-Methylphenol	8.310	107	206307	21.576	ng	94
18) Hexachloroethane	8.934	117	100260	20.389	ng	# 82
19) n-Nitroso-di-n-propyla...	8.663	70	181944	21.082	ng	# 85
20) 3+4-Methylphenols	8.640	107	292373	22.338	ng	93
22) Acetophenone	8.681	105	393624	20.061	ng	# 90
24) Nitrobenzene	9.057	77	251337	18.194	ng	# 89
25) Isophorone	9.587	82	485066	21.397	ng	# 93
26) 2-Nitrophenol	9.769	139	164253	23.043	ng	# 83
27) 2,4-Dimethylphenol	9.840	122	219983	22.034	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	332854	21.712	ng	98
29) 2,4-Dichlorophenol	10.316	162	297829	23.687	ng	95
30) 1,2,4-Trichlorobenzene	10.522	180	342585	22.823	ng	98
31) Naphthalene	10.704	128	858534	21.369	ng	99
32) Benzoic acid	10.004	122	194129	22.856	ng	87
33) 4-Chloroaniline	10.822	127	363709	22.856	ng	# 93
34) Hexachlorobutadiene	10.992	225	225067	22.915	ng	98
35) Caprolactam	11.616	113	90676	26.281	ng	# 71
36) 4-Chloro-3-methylphenol	11.963	107	283028	22.657	ng	93
37) 2-Methylnaphthalene	12.322	142	652453	23.031	ng	97
38) 1-Methylnaphthalene	12.539	142	641540	23.167	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.692	216	430542	21.597	ng	# 95
41) Hexachlorocyclopentadiene	12.669	237	161604	15.447	ng	98
43) 2,4,6-Trichlorophenol	12.939	196	293781	22.613	ng	99

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44) 2,4,5-Trichlorophenol	13.016	196	317084	22.945	ng	# 90
46) 1,1'-Biphenyl	13.328	154	956708	20.858	ng	99
47) 2-Chloronaphthalene	13.375	162	746122	20.979	ng	95
48) 2-Nitroaniline	13.580	65	167979	18.929	ng	# 75
49) Acenaphthylene	14.216	152	1139749	21.493	ng	100
50) Dimethylphthalate	13.957	163	1006422	22.796	ng	99
51) 2,6-Dinitrotoluene	14.075	165	214672	23.687	ng	# 72
52) Acenaphthene	14.557	154	694674	21.511	ng	99
53) 3-Nitroaniline	14.410	138	204165	22.739	ng	85
54) 2,4-Dinitrophenol	14.622	184	129633	22.394	ng	# 73
55) Dibenzofuran	14.892	168	1193072	21.936	ng	92
56) 4-Nitrophenol	14.739	139	153396	22.160	ng	# 76
57) 2,4-Dinitrotoluene	14.869	165	297774	24.494	ng	# 78
58) Fluorene	15.545	166	951604	22.440	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	296383	24.232	ng	# 80
60) Diethylphthalate	15.322	149	1010317	23.422	ng	96
61) 4-Chlorophenyl-phenyle...	15.539	204	539830	23.381	ng	# 88
62) 4-Nitroaniline	15.569	138	217338	23.967	ng	85
63) Azobenzene	15.833	77	705197	19.324	ng	84
65) 4,6-Dinitro-2-methylph...	15.639	198	207971	23.058	ng	# 75
66) n-Nitrosodiphenylamine	15.751	169	864876	20.881	ng	98
67) 4-Bromophenyl-phenylether	16.433	248	366869	22.815	ng	# 86
68) Hexachlorobenzene	16.557	284	409605	22.867	ng	# 82
69) Atrazine	16.710	200	330295	23.958	ng	96
70) Pentachlorophenol	16.904	266	224307	21.681	ng	99
71) Phenanthrene	17.286	178	1576692	21.339	ng	99
72) Anthracene	17.374	178	1568472	21.746	ng	99
73) Carbazole	17.645	167	1491540	21.745	ng	98
74) Di-n-butylphthalate	18.210	149	1854236	23.299	ng	99
75) Fluoranthene	19.298	202	1933908	22.346	ng	97
77) Benzidine	19.486	184	585069	19.181	ng	100
78) Pyrene	19.662	202	2008205	20.329	ng	100
80) Butylbenzylphthalate	20.562	149	854265	22.609	ng	# 83
81) Benzo(a)anthracene	21.409	228	2018161	21.194	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	540674	22.934	ng	# 98
83) Chrysene	21.462	228	1900908	21.148	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1287022	24.092	ng	# 94
85) Di-n-octyl phthalate	22.251	149	2183378	24.636	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.238	276	1983204	20.267	ng	# 94
88) Benzo(b)fluoranthene	23.068	252	1802561	20.803	ng	99
89) Benzo(k)fluoranthene	23.121	252	1869743m	21.840	ng	
90) Benzo(a)pyrene	23.680	252	1515189	21.098	ng	# 98
91) Dibenzo(a,h)anthracene	26.250	278	1661532	20.441	ng	# 96
92) Benzo(g,h,i)perylene	26.985	276	1590834	19.623	ng	# 94

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

