

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035271.D
 Acq On : 26 May 2022 16:57
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 26 17:39:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 17:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	80245	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	324503	20.000	ng	# 0.00
39) Acenaphthene-d10	14.521	164	245055	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	598484	20.000	ng	# 0.00
76) Chrysene-d12	21.450	240	762570	20.000	ng	# 0.00
86) Perylene-d12	23.821	264	869234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	599232	131.744	ng	0.00
7) Phenol-d6	7.063	99	859256	146.336	ng	0.00
23) Nitrobenzene-d5	9.045	82	859446	143.023	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	709906	266.311	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	2701614	160.040	ng	0.00
79) Terphenyl-d14	19.898	244	5601090	142.215	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	96995	52.703	ng	# 87
3) Pyridine	3.763	79	309387m	60.337	ng	
4) n-Nitrosodimethylamine	3.675	42	126328	49.967	ng	# 75
6) Aniline	7.210	93	471201	69.862	ng	95
8) 2-Chlorophenol	7.451	128	376522	74.377	ng	89
10) Phenol	7.087	94	415327	69.163	ng	93
11) bis(2-Chloroethyl)ether	7.310	93	314840	69.643	ng	89
12) 1,3-Dichlorobenzene	7.769	146	414747	72.326	ng	96
13) 1,4-Dichlorobenzene	7.916	146	428088	72.943	ng	98
14) 1,2-Dichlorobenzene	8.234	146	425921	76.230	ng	97
15) Benzyl Alcohol	8.128	79	325285	74.129	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.422	45	345339	47.136	ng	89
17) 2-Methylphenol	8.334	107	309121	75.808	ng	95
18) Hexachloroethane	8.963	117	142159	65.996	ng	# 84
19) n-Nitroso-di-n-propyla...	8.698	70	270795	70.445	ng	86
20) 3+4-Methylphenols	8.663	107	439896	78.844	ng	95
22) Acetophenone	8.710	105	589324	74.986	ng	# 92
24) Nitrobenzene	9.087	77	385931	63.846	ng	93
25) Isophorone	9.622	82	715054	71.172	ng	# 94
26) 2-Nitrophenol	9.798	139	243666	92.379	ng	# 87
27) 2,4-Dimethylphenol	9.869	122	322959	79.402	ng	98
28) bis(2-Chloroethoxy)met...	10.098	93	468165	80.970	ng	99
29) 2,4-Dichlorophenol	10.339	162	439458	91.639	ng	97
30) 1,2,4-Trichlorobenzene	10.551	180	488179	89.936	ng	98
31) Naphthalene	10.733	128	1248775	74.599	ng	100
32) Benzoic acid	10.069	122	339721	104.107	ng	92
33) 4-Chloroaniline	10.845	127	554151	82.295	ng	95
34) Hexachlorobutadiene	11.028	225	324404	96.795	ng	100
35) Caprolactam	11.669	113	148136	106.952	ng	# 72
36) 4-Chloro-3-methylphenol	11.980	107	448677	90.416	ng	98
37) 2-Methylnaphthalene	12.345	142	962056	82.943	ng	96
38) 1-Methylnaphthalene	12.569	142	942354	83.195	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	637940	91.424	ng	# 95
41) Hexachlorocyclopentadiene	12.698	237	332929	79.691	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	436857	92.483	ng	99
44) 2,4,5-Trichlorophenol	13.033	196	477352	91.004	ng	# 91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.357	154	1368663	74.135	ng	97
47) 2-Chloronaphthalene	13.398	162	1077227	74.872	ng	98
48) 2-Nitroaniline	13.604	65	277845	67.131	ng #	81
49) Acenaphthylene	14.245	152	1687022	76.160	ng	99
50) Dimethylphthalate	13.992	163	1490904	81.604	ng	98
51) 2,6-Dinitrotoluene	14.104	165	325969	87.632	ng #	77
52) Acenaphthene	14.586	154	1015204	67.646	ng	99
53) 3-Nitroaniline	14.433	138	326345	81.771	ng	92
54) 2,4-Dinitrophenol	14.639	184	251274	114.844	ng #	78
55) Dibenzofuran	14.921	168	1759824	82.138	ng	94
56) 4-Nitrophenol	14.751	139	283209	86.880	ng #	81
57) 2,4-Dinitrotoluene	14.892	165	470860	94.436	ng #	83
58) Fluorene	15.568	166	1428376	80.260	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	473026	106.076	ng #	81
60) Diethylphthalate	15.351	149	1495745	80.380	ng	96
61) 4-Chlorophenyl-phenyle...	15.563	204	799188	93.833	ng	90
62) 4-Nitroaniline	15.604	138	362763	87.781	ng	91
63) Azobenzene	15.857	77	1082114	63.759	ng	89
65) 4,6-Dinitro-2-methylph...	15.663	198	361627	101.079	ng	77
66) n-Nitrosodiphenylamine	15.780	169	1284647	70.827	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	558184	91.753	ng #	88
68) Hexachlorobenzene	16.580	284	628883	91.562	ng #	83
69) Atrazine	16.739	200	486626	79.914	ng	96
70) Pentachlorophenol	16.921	266	429322	99.762	ng	99
71) Phenanthrene	17.310	178	2434042	72.973	ng	99
72) Anthracene	17.404	178	2420832	75.164	ng	99
73) Carbazole	17.674	167	2360913	80.262	ng	98
74) Di-n-butylphthalate	18.239	149	2763833	73.847	ng	99
75) Fluoranthene	19.327	202	3153192	86.092	ng	97
78) Pyrene	19.686	202	3283364	65.109	ng	100
80) Butylbenzylphthalate	20.586	149	1374903	62.114	ng #	87
81) Benzo(a)anthracene	21.439	228	3640968	71.554	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	935869	63.103	ng #	98
83) Chrysene	21.492	228	3496723	71.945	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	2054212	60.352	ng #	93
85) Di-n-octyl phthalate	22.286	149	3694438	65.841	ng #	91
87) Indeno(1,2,3-cd)pyrene	26.309	276	4895785	74.081	ng #	94
88) Benzo(b)fluoranthene	23.109	252	3916819	71.643	ng #	98
89) Benzo(k)fluoranthene	23.162	252	3885570	70.209	ng #	98
90) Benzo(a)pyrene	23.727	252	3353398	73.831	ng #	97
91) Dibenzo(a,h)anthracene	26.321	278	4113092	74.195	ng #	96
92) Benzo(g,h,i)perylene	27.056	276	3932587	73.829	ng #	94

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

