

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038648.D
 Acq On : 01 Feb 2023 18:26
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 02:40:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 02:35:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	68116	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	218792	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	156199	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	322332	20.000	ng	0.00
76) Chrysene-d12	21.492	240	268169	20.000	ng	0.00
86) Perylene-d12	23.891	264	344778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	338718	82.205	ng	0.00
7) Phenol-d6	7.110	99	387301	73.671	ng	0.00
23) Nitrobenzene-d5	9.116	82	396789	78.753	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	222817	99.060	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1248123	98.430	ng	0.00
79) Terphenyl-d14	19.933	244	1601937	116.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	69962	36.200	ng	99
3) Pyridine	3.769	79	178279m	35.123	ng	
4) n-Nitrosodimethylamine	3.681	42	80762	33.517	ng	97
6) Aniline	7.269	93	239110	36.642	ng	98
8) 2-Chlorophenol	7.504	128	185516	44.074	ng	99
9) Benzaldehyde	7.081	77	78506	25.176	ng	98
10) Phenol	7.140	94	195027	37.124	ng	96
11) bis(2-Chloroethyl)ether	7.369	93	157597	38.022	ng	99
12) 1,3-Dichlorobenzene	7.828	146	236597	49.442	ng	97
13) 1,4-Dichlorobenzene	7.975	146	239848	49.605	ng	100
14) 1,2-Dichlorobenzene	8.292	146	231049	49.334	ng	99
15) Benzyl Alcohol	8.192	79	147303	37.475	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.469	45	150576	34.594	ng	99
17) 2-Methylphenol	8.392	107	151460	40.736	ng	99
18) Hexachloroethane	9.016	117	79539	44.249	ng	98
19) n-Nitroso-di-n-propyla...	8.757	70	122747	36.355	ng	99
20) 3+4-Methylphenols	8.722	107	202378	40.612	ng	99
22) Acetophenone	8.775	105	259650	43.079	ng	# 99
24) Nitrobenzene	9.157	77	197849	38.810	ng	97
25) Isophorone	9.681	82	342888	41.239	ng	99
26) 2-Nitrophenol	9.869	139	113811	56.244	ng	95
27) 2,4-Dimethylphenol	9.928	122	157329	46.717	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	209916	43.157	ng	100
29) 2,4-Dichlorophenol	10.398	162	230768	58.409	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	239421	52.989	ng	99
31) Naphthalene	10.798	128	566640	47.672	ng	98
32) Benzoic acid	10.086	122	124549	51.899	ng	94
33) 4-Chloroaniline	10.922	127	252681	50.933	ng	99
34) Hexachlorobutadiene	11.069	225	118983	40.034	ng	98
35) Caprolactam	11.733	113	47724	49.823	ng	98
36) 4-Chloro-3-methylphenol	12.039	107	169522	47.184	ng	98
37) 2-Methylnaphthalene	12.404	142	463057	54.209	ng	99
38) 1-Methylnaphthalene	12.627	142	429684	53.336	ng	98
40) 1,2,4,5-Tetrachloroben...	12.775	216	205942	35.050	ng	99
41) Hexachlorocyclopentadiene	12.739	237	132299	40.968	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	165691	44.052	ng	97

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44) 2,4,5-Trichlorophenol	13.086	196	195216	44.313	ng	98
46) 1,1'-Biphenyl	13.416	154	636603	50.890	ng	99
47) 2-Chloronaphthalene	13.457	162	500884	51.293	ng	98
48) 2-Nitroaniline	13.674	65	108663	37.891	ng	99
49) Acenaphthylene	14.304	152	795332	52.057	ng	99
50) Dimethylphthalate	14.045	163	653619	54.360	ng	100
51) 2,6-Dinitrotoluene	14.169	165	137019	54.149	ng	99
52) Acenaphthene	14.639	154	463650	49.760	ng	100
53) 3-Nitroaniline	14.498	138	134358	53.432	ng	98
54) 2,4-Dinitrophenol	14.704	184	88164	50.373	ng	97
55) Dibenzofuran	14.974	168	794211	50.982	ng	99
56) 4-Nitrophenol	14.804	139	108188	52.245	ng	99
57) 2,4-Dinitrotoluene	14.951	165	190201	55.450	ng	96
58) Fluorene	15.621	166	634423	50.222	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	135878	37.734	ng	99
60) Diethylphthalate	15.392	149	622149	52.837	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	265465	40.027	ng	99
62) 4-Nitroaniline	15.663	138	137669m	53.286	ng	
63) Azobenzene	15.910	77	472398	37.866	ng	99
65) 4,6-Dinitro-2-methylph...	15.716	198	104659	50.022	ng	98
66) n-Nitrosodiphenylamine	15.833	169	538561	55.656	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	158612	44.362	ng	99
68) Hexachlorobenzene	16.621	284	195168	50.586	ng	100
69) Atrazine	16.786	200	158453	49.082	ng	99
70) Pentachlorophenol	16.968	266	141261	51.423	ng	100
71) Phenanthrene	17.362	178	973321	54.072	ng	99
72) Anthracene	17.451	178	1006999	54.978	ng	100
73) Carbazole	17.727	167	943522	58.494	ng	99
74) Di-n-butylphthalate	18.280	149	1112878	62.799	ng	99
75) Fluoranthene	19.374	202	1029143	47.571	ng	100
77) Benzidine	19.562	184	402311	65.834	ng	99
78) Pyrene	19.739	202	1078573	57.762	ng	100
80) Butylbenzylphthalate	20.627	149	520155	80.557	ng	99
81) Benzo(a)anthracene	21.480	228	970444	51.071	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	343512	56.279	ng	98
83) Chrysene	21.533	228	930741	50.086	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	766024	81.860	ng	98
85) Di-n-octyl phthalate	22.315	149	1325352	79.651	ng	100
87) Indeno(1,2,3-cd)pyrene	26.397	276	1362009	53.386	ng	100
88) Benzo(b)fluoranthene	23.162	252	1066563	51.281	ng	99
89) Benzo(k)fluoranthene	23.209	252	1066032	49.535	ng	99
90) Benzo(a)pyrene	23.791	252	1053672	51.099	ng	98
91) Dibenzo(a,h)anthracene	26.409	278	1145924	53.961	ng	98
92) Benzo(g,h,i)perylene	27.168	276	1163666	53.495	ng	99

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

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