

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031522\
 Data File : BM034247.D
 Acq On : 15 Mar 2022 19:35
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:44:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 01:41:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	227361	20.000	ng	0.00
21) Naphthalene-d8	10.766	136	897359	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	592595	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1238085	20.000	ng	0.00
76) Chrysene-d12	21.506	240	1214977	20.000	ng	0.00
86) Perylene-d12	23.918	264	1011231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1960478	153.711	ng	0.00
7) Phenol-d6	7.119	99	2878024	171.840	ng	0.01
23) Nitrobenzene-d5	9.119	82	2963917	178.244	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	1376036	191.324	ng	0.01
45) 2-Fluorobiphenyl	13.225	172	6707822	150.808	ng	0.00
79) Terphenyl-d14	19.954	244	10305704	147.704	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	395741	80.702	ng	Qvalue 98
3) Pyridine	3.760	79	1154315	83.791	ng	99
4) n-Nitrosodimethylamine	3.672	42	529597	76.854	ng	99
6) Aniline	7.278	93	1608193	86.899	ng	100
8) 2-Chlorophenol	7.513	128	1143075	80.110	ng	99
9) Benzaldehyde	7.078	77	626561	66.640	ng	99
10) Phenol	7.143	94	1425000	86.502	ng	98
11) bis(2-Chloroethyl)ether	7.372	93	1102655	83.887	ng	97
12) 1,3-Dichlorobenzene	7.843	146	1230371	73.357	ng	100
13) 1,4-Dichlorobenzene	7.984	146	1268423	73.989	ng	100
14) 1,2-Dichlorobenzene	8.307	146	1244280	74.367	ng	99
15) Benzyl Alcohol	8.195	79	1162366	90.003	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.490	45	1468447	84.019	ng	99
17) 2-Methylphenol	8.395	107	989789	85.302	ng	99
18) Hexachloroethane	9.042	117	476769	81.262	ng	99
19) n-Nitroso-di-n-propyla...	8.778	70	996611	92.062	ng	98
20) 3+4-Methylphenols	8.737	107	1387675	86.611	ng	99
22) Acetophenone	8.778	105	1850748	85.386	ng	# 98
24) Nitrobenzene	9.160	77	1364026	88.113	ng	99
25) Isophorone	9.695	82	2485261	92.593	ng	99
26) 2-Nitrophenol	9.872	139	669765	91.825	ng	98
27) 2,4-Dimethylphenol	9.937	122	984011	83.502	ng	98
28) bis(2-Chloroethoxy)met...	10.172	93	1555513	85.707	ng	100
29) 2,4-Dichlorophenol	10.413	162	1157025	79.410	ng	99
30) 1,2,4-Trichlorobenzene	10.631	180	1245021	72.787	ng	98
31) Naphthalene	10.819	128	3685739	79.944	ng	99
32) Benzoic acid	10.142	122	922625	103.378	ng	99
33) 4-Chloroaniline	10.919	127	1555950	82.426	ng	99
34) Hexachlorobutadiene	11.113	225	774547	71.268	ng	98
35) Caprolactam	11.748	113	427396m	145.515	ng	
36) 4-Chloro-3-methylphenol	12.054	107	1329038	92.637	ng	98
37) 2-Methylnaphthalene	12.425	142	2652272	78.852	ng	99
38) 1-Methylnaphthalene	12.642	142	2603774	79.393	ng	100
40) 1,2,4,5-Tetrachloroben...	12.795	216	1388554	73.291	ng	100
41) Hexachlorocyclopentadiene	12.778	237	850032	76.806	ng	100
43) 2,4,6-Trichlorophenol	13.030	196	1004714	83.861	ng	99

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44) 2,4,5-Trichlorophenol	13.101	196	1093471	89.843	ng	100
46) 1,1'-Biphenyl	13.430	154	3532844	78.028	ng	99
47) 2-Chloronaphthalene	13.477	162	2749015	77.757	ng	98
48) 2-Nitroaniline	13.672	65	928865	110.631	ng	98
49) Acenaphthylene	14.319	152	4349626	82.094	ng	100
50) Dimethylphthalate	14.060	163	3583719	81.571	ng	100
51) 2,6-Dinitrotoluene	14.166	165	768624	88.414	ng	99
52) Acenaphthene	14.660	154	2983385m	85.215	ng	
53) 3-Nitroaniline	14.501	138	836056	96.149	ng	97
55) Dibenzofuran	14.995	168	4284909	78.354	ng	98
56) 4-Nitrophenol	14.801	139	699857	99.575	ng	98
57) 2,4-Dinitrotoluene	14.954	165	1085283	96.000	ng	95
58) Fluorene	15.636	166	3565763	81.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.219	232	978351	82.065	ng	99
60) Diethylphthalate	15.413	149	3750643	85.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.630	204	1801088	76.506	ng	98
62) 4-Nitroaniline	15.660	138	861478	95.464	ng	96
63) Azobenzene	15.924	77	3544636	92.882	ng	98
65) 4,6-Dinitro-2-methylph...	15.719	198	729836	100.571	ng	99
66) n-Nitrosodiphenylamine	15.848	169	3103132	80.058	ng	99
67) 4-Bromophenyl-phenylether	16.524	248	1128637	80.696	ng	96
68) Hexachlorobenzene	16.648	284	1246242	77.334	ng	99
69) Atrazine	16.795	200	927243	72.317	ng	98
70) Pentachlorophenol	16.983	266	847473	87.050	ng	99
71) Phenanthrene	17.377	178	5485198	79.870	ng	99
72) Anthracene	17.465	178	5470048	81.847	ng	99
73) Carbazole	17.736	167	5324835	84.619	ng	100
74) Di-n-butylphthalate	18.301	149	6501109	90.820	ng	100
75) Fluoranthene	19.383	202	6393745	84.740	ng	97
78) Pyrene	19.748	202	6567930	78.712	ng	98
80) Butylbenzylphthalate	20.636	149	3101368	97.605	ng	97
81) Benzo(a)anthracene	21.489	228	6066040	76.733	ng	98
82) 3,3'-Dichlorobenzidine	21.418	252	2168779	81.232	ng	99
83) Chrysene	21.542	228	6003712	79.503	ng	98
84) Bis(2-ethylhexyl)phtha...	21.418	149	4581288	94.384	ng	97
85) Di-n-octyl phthalate	22.342	149	7184576	93.391	ng	100
87) Indeno(1,2,3-cd)pyrene	26.453	276	5005536	69.625	ng	98
88) Benzo(b)fluoranthene	23.189	252	5193282	81.950	ng	100
89) Benzo(k)fluoranthene	23.236	252	5253181	83.096	ng	100
90) Benzo(a)pyrene	23.818	252	4214616	80.934	ng	100
91) Dibenzo(a,h)anthracene	26.471	278	4149233	68.624	ng	99
92) Benzo(g,h,i)perylene	27.230	276	4079375	69.646	ng	100

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

