

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035794.D
 Acq On : 13 Jul 2022 13:33
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 13 14:05:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 13 13:33:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	297442	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1139510	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	664717	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1324661	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1269308	20.000	ng	0.00
86) Perylene-d12	23.838	264	1209992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2886684	164.576	ng	0.00
7) Phenol-d6	7.075	99	3675169	151.202	ng	0.00
23) Nitrobenzene-d5	9.081	82	3344274	159.489	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1208847	170.814	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	7440325	159.908	ng	0.00
79) Terphenyl-d14	19.909	244	10240350	154.040	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	568140	84.923	ng	92
3) Pyridine	3.728	79	1594233m	85.205	ng	
4) n-Nitrosodimethylamine	3.646	42	673813	78.022	ng	# 69
6) Aniline	7.239	93	2028086	77.193	ng	94
8) 2-Chlorophenol	7.469	128	1493066	74.153	ng	96
10) Phenol	7.104	94	1826621	77.359	ng	90
11) bis(2-Chloroethyl)ether	7.339	93	1458242	77.049	ng	95
12) 1,3-Dichlorobenzene	7.798	146	1637757	76.249	ng	96
13) 1,4-Dichlorobenzene	7.945	146	1678456	76.331	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1609646	75.000	ng	98
15) Benzyl Alcohol	8.151	79	1212465	74.461	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1870093	56.892	ng	97
17) 2-Methylphenol	8.357	107	1175714	72.559	ng	95
18) Hexachloroethane	8.992	117	600688	76.170	ng	95
19) n-Nitroso-di-n-propyla...	8.728	70	1082945	70.881	ng	90
20) 3+4-Methylphenols	8.692	107	1614190	71.066	ng	96
22) Acetophenone	8.739	105	2224810	80.612	ng	93
24) Nitrobenzene	9.122	77	1535928	79.999	ng	95
25) Isophorone	9.645	82	2696321	79.068	ng	98
26) 2-Nitrophenol	9.828	139	683667	69.579	ng	91
27) 2,4-Dimethylphenol	9.892	122	1125844	78.192	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	1823621	76.858	ng	100
29) 2,4-Dichlorophenol	10.363	162	1277365	79.610	ng	99
30) 1,2,4-Trichlorobenzene	10.580	180	1464630	82.109	ng	98
31) Naphthalene	10.769	128	4550985	79.735	ng	100
32) Benzoic acid	10.057	122	813264	65.704	ng	94
33) 4-Chloroaniline	10.880	127	1890859	81.423	ng	95
34) Hexachlorobutadiene	11.051	225	837392	83.418	ng	98
35) Caprolactam	11.674	113	388211	71.380	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	1336893	73.494	ng	98
37) 2-Methylnaphthalene	12.374	142	3129323	79.614	ng	97
38) 1-Methylnaphthalene	12.592	142	3046755	79.307	ng	98
40) 1,2,4,5-Tetrachloroben...	12.739	216	1535331	81.954	ng	99
41) Hexachlorocyclopentadiene	12.721	237	827652	135.017	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	970270	75.505	ng	100
44) 2,4,5-Trichlorophenol	13.051	196	1018568	73.474	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.386	154	3986430	77.003	ng	99
47) 2-Chloronaphthalene	13.427	162	3050450	78.349	ng	100
48) 2-Nitroaniline	13.627	65	837574	71.066	ng	93
49) Acenaphthylene	14.268	152	4761795	78.080	ng	100
50) Dimethylphthalate	14.015	163	3525499	72.074	ng	99
51) 2,6-Dinitrotoluene	14.127	165	757281	73.956	ng	92
52) Acenaphthene	14.610	154	2875062	80.932	ng	99
53) 3-Nitroaniline	14.451	138	911904	82.983	ng	95
54) 2,4-Dinitrophenol	14.651	184	324957	60.613	ng	90
55) Dibenzofuran	14.939	168	4574644	80.376	ng	98
56) 4-Nitrophenol	14.751	139	692469	92.761	ng	87
57) 2,4-Dinitrotoluene	14.904	165	1011450	77.785	ng	97
58) Fluorene	15.586	166	3763663	84.648	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.162	232	855460	77.594	ng	97
60) Diethylphthalate	15.374	149	3571582	74.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	1853979	86.170	ng	95
62) 4-Nitroaniline	15.615	138	945790	88.930	ng	92
63) Azobenzene	15.880	77	3593696	79.259	ng	94
65) 4,6-Dinitro-2-methylph...	15.662	198	483487	57.970	ng	95
66) n-Nitrosodiphenylamine	15.804	169	3092146	78.388	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	1066135	78.002	ng	94
68) Hexachlorobenzene	16.580	284	1244879	83.308	ng	93
69) Atrazine	16.751	200	711905	59.449	ng	97
70) Pentachlorophenol	16.927	266	700192	88.988	ng	99
71) Phenanthrene	17.321	178	5585214	79.444	ng	98
72) Anthracene	17.415	178	5506072	80.268	ng	98
73) Carbazole	17.686	167	5505312	82.771	ng	100
74) Di-n-butylphthalate	18.262	149	5846805	73.496	ng	99
75) Fluoranthene	19.333	202	6410808	87.814	ng	97
78) Pyrene	19.697	202	6629421	74.410	ng	98
80) Butylbenzylphthalate	20.603	149	2385172	60.437	ng	99
81) Benzo(a)anthracene	21.444	228	6458637	81.676	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	1306385	71.761	ng	99
83) Chrysene	21.497	228	6183070	80.951	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	3536170	62.475	ng	98
85) Di-n-octyl phthalate	22.315	149	5516619	59.989	ng	97
87) Indeno(1,2,3-cd)pyrene	26.338	276	7442682	89.039	ng	99
88) Benzo(b)fluoranthene	23.115	252	6002234	84.216	ng	98
89) Benzo(k)fluoranthene	23.168	252	6380976	88.436	ng	98
90) Benzo(a)pyrene	23.738	252	5214654	86.721	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	6166276	89.171	ng	99
92) Benzo(g,h,i)perylene	27.097	276	5989952	87.083	ng	98

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

