

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
 Data File : BM033750.D
 Acq On : 17 Jan 2022 15:29
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2022
 Supervised By : Jagrut Upadhyay 01/18/2022

Quant Time: Jan 17 16:14:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 17 16:10:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	207156	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	837197	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	561298	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1154792	20.000	ng	0.00
76) Chrysene-d12	21.500	240	938485	20.000	ng	0.00
86) Perylene-d12	23.912	264	785643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	1752325	133.410	ng	0.00
7) Phenol-d6	7.125	99	2477845	139.969	ng	0.00
23) Nitrobenzene-d5	9.130	82	2596650	143.240	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	1211317	206.618	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	5892605	137.504	ng	0.00
79) Terphenyl-d14	19.947	244	8807783	168.931	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	333616	56.668	ng	# 91
3) Pyridine	3.754	79	1010986	66.321	ng	92
4) n-Nitrosodimethylamine	3.660	42	471345	61.889	ng	# 68
6) Aniline	7.284	93	1455547	72.584	ng	95
8) 2-Chlorophenol	7.525	128	1022382	71.181	ng	87
10) Phenol	7.154	94	1243969	69.892	ng	92
11) bis(2-Chloroethyl)ether	7.378	93	979891	69.792	ng	92
12) 1,3-Dichlorobenzene	7.848	146	1115659	69.496	ng	95
13) 1,4-Dichlorobenzene	7.995	146	1145518	69.774	ng	97
14) 1,2-Dichlorobenzene	8.313	146	1116781	70.340	ng	99
15) Benzyl Alcohol	8.201	79	1061318	73.441	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.495	45	1332446	62.931	ng	96
17) 2-Methylphenol	8.407	107	898815	73.156	ng	95
18) Hexachloroethane	9.048	117	432525	69.529	ng	95
19) n-Nitroso-di-n-propyla...	8.783	70	849897	73.482	ng	# 89
20) 3+4-Methylphenols	8.742	107	1269163	75.614	ng	94
22) Acetophenone	8.789	105	1650728	73.518	ng	# 92
24) Nitrobenzene	9.172	77	1229640	71.331	ng	# 91
25) Isophorone	9.707	82	2257886	76.893	ng	98
26) 2-Nitrophenol	9.883	139	625227	86.080	ng	# 84
27) 2,4-Dimethylphenol	9.948	122	900089	74.232	ng	95
28) bis(2-Chloroethoxy)met...	10.183	93	1416699	73.185	ng	97
29) 2,4-Dichlorophenol	10.425	162	1053410	79.348	ng	99
30) 1,2,4-Trichlorobenzene	10.636	180	1127969	76.069	ng	97
31) Naphthalene	10.824	128	3390383	73.889	ng	99
32) Benzoic acid	10.154	122	835301	97.901	ng	89
33) 4-Chloroaniline	10.930	127	1449995	80.088	ng	# 92
34) Hexachlorobutadiene	11.119	225	736849	76.079	ng	98
35) Caprolactam	11.760	113	370930m	100.739	ng	
36) 4-Chloro-3-methylphenol	12.066	107	1256433	81.474	ng	97
37) 2-Methylnaphthalene	12.436	142	2399703	77.395	ng	99
38) 1-Methylnaphthalene	12.654	142	2340646	77.670	ng	99
40) 1,2,4,5-Tetrachloroben...	12.801	216	1250997	70.502	ng	98
41) Hexachlorocyclopentadiene	12.783	237	807622	72.353	ng	100
43) 2,4,6-Trichlorophenol	13.036	196	913643	78.929	ng	99
44) 2,4,5-Trichlorophenol	13.113	196	975225	79.631	ng	95

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46) 1,1'-Biphenyl	13.442	154	3164657	69.025	ng	98
47) 2-Chloronaphthalene	13.483	162	2447413	71.089	ng	99
48) 2-Nitroaniline	13.677	65	849510	78.661	ng	# 84
49) Acenaphthylene	14.324	152	3961361	73.732	ng	99
50) Dimethylphthalate	14.065	163	3300525	75.746	ng	98
51) 2,6-Dinitrotoluene	14.171	165	697954	82.708	ng	90
52) Acenaphthene	14.665	154	2689153m	76.947	ng	
53) 3-Nitroaniline	14.501	138	779328	86.535	ng	88
54) 2,4-Dinitrophenol	14.701	184	485487	124.649	ng	90
55) Dibenzofuran	14.995	168	3855679	73.600	ng	97
56) 4-Nitrophenol	14.807	139	650180	91.094	ng	# 87
57) 2,4-Dinitrotoluene	14.960	165	986989	91.596	ng	# 81
58) Fluorene	15.642	166	3039556	75.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.218	232	881217	85.218	ng	99
60) Diethylphthalate	15.418	149	3469071	77.282	ng	100
61) 4-Chlorophenyl-phenyle...	15.636	204	1603073	77.418	ng	99
62) 4-Nitroaniline	15.665	138	815977	93.020	ng	92
63) Azobenzene	15.924	77	3182806	71.720	ng	94
65) 4,6-Dinitro-2-methylph...	15.718	198	658266	103.821	ng	85
66) n-Nitrosodiphenylamine	15.848	169	2718219	69.652	ng	98
67) 4-Bromophenyl-phenylether	16.524	248	1012285	79.249	ng	98
68) Hexachlorobenzene	16.648	284	1111662	76.419	ng	94
69) Atrazine	16.801	200	1018360	76.064	ng	98
70) Pentachlorophenol	16.983	266	765629	86.545	ng	98
71) Phenanthrene	17.377	178	4784050	72.399	ng	99
72) Anthracene	17.471	178	4762588	73.477	ng	98
73) Carbazole	17.736	167	4635796	75.864	ng	99
74) Di-n-butylphthalate	18.300	149	5920834	75.063	ng	99
75) Fluoranthene	19.383	202	5352291	77.154	ng	99
78) Pyrene	19.747	202	5431646	82.204	ng	98
80) Butylbenzylphthalate	20.636	149	2572154	87.155	ng	93
81) Benzo(a)anthracene	21.483	228	4773500	75.009	ng	98
82) 3,3'-Dichlorobenzidine	21.412	252	1649070	73.047	ng	98
83) Chrysene	21.541	228	4494878	73.807	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	3654517	81.291	ng	98
85) Di-n-octyl phthalate	22.341	149	5798683	79.318	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.447	276	4047012	69.854	ng	100
88) Benzo(b)fluoranthene	23.177	252	3828735	76.438	ng	99
89) Benzo(k)fluoranthene	23.230	252	3938297	81.125	ng	99
90) Benzo(a)pyrene	23.806	252	3182789	76.562	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	3417417	71.017	ng	97
92) Benzo(g,h,i)perylene	27.223	276	3238697	68.455	ng	98

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

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