

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
 Data File : BM034028.D
 Acq On : 09 Feb 2022 14:45
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 09 16:45:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 09 16:41:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	176630	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	630868	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	371150	20.000	ng	0.00
64) Phenanthrene-d10	17.270	188	647887	20.000	ng	# 0.00
76) Chrysene-d12	21.437	240	515958	20.000	ng	# 0.00
86) Perylene-d12	23.825	264	633652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	1560862	143.786	ng	0.00
7) Phenol-d6	7.066	99	2060562	146.178	ng	0.00
23) Nitrobenzene-d5	9.071	82	2172524	164.508	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	678414	150.370	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	4176612	152.669	ng	0.00
79) Terphenyl-d14	19.906	244	4823126	176.616	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	307288m	65.550	ng	
3) Pyridine	3.710	79	949980m	79.218	ng	
4) n-Nitrosodimethylamine	3.620	42	365213	59.498	ng	# 28
6) Aniline	7.224	93	1157336	72.408	ng	93
8) 2-Chlorophenol	7.472	128	827094	71.397	ng	# 77
10) Phenol	7.089	94	1042444	73.563	ng	93
11) bis(2-Chloroethyl)ether	7.314	93	766006	69.660	ng	95
12) 1,3-Dichlorobenzene	7.787	146	960915	72.366	ng	96
13) 1,4-Dichlorobenzene	7.945	146	943673	69.509	ng	95
14) 1,2-Dichlorobenzene	8.260	146	961795	73.527	ng	98
15) Benzyl Alcohol	8.147	79	826058	73.654	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.440	45	872152	55.858	ng	85
17) 2-Methylphenol	8.350	107	714295	74.133	ng	94
18) Hexachloroethane	8.981	117	357633	72.251	ng	# 87
19) n-Nitroso-di-n-propyla...	8.711	70	632991	71.551	ng	# 84
20) 3+4-Methylphenols	8.688	107	951084	71.180	ng	93
22) Acetophenone	8.733	105	1276570	77.273	ng	# 84
24) Nitrobenzene	9.116	77	937075	75.080	ng	# 85
25) Isophorone	9.634	82	1527869	76.235	ng	98
26) 2-Nitrophenol	9.814	139	429555	79.977	ng	94
27) 2,4-Dimethylphenol	9.882	122	698667	81.885	ng	97
28) bis(2-Chloroethoxy)met...	10.130	93	1022998	76.366	ng	# 98
29) 2,4-Dichlorophenol	10.355	162	739238	76.995	ng	97
30) 1,2,4-Trichlorobenzene	10.580	180	892882	81.964	ng	98
31) Naphthalene	10.760	128	2536671	74.967	ng	99
32) Benzoic acid	10.062	122	565653m	88.718	ng	
33) 4-Chloroaniline	10.873	127	1031777	77.674	ng	# 90
34) Hexachlorobutadiene	11.053	225	556919	77.320	ng	97
35) Caprolactam	11.684	113	222441	77.477	ng	# 44
36) 4-Chloro-3-methylphenol	11.999	107	853131	75.333	ng	95
37) 2-Methylnaphthalene	12.382	142	1662438	73.116	ng	95
38) 1-Methylnaphthalene	12.585	142	1532240	68.785	ng	99
40) 1,2,4,5-Tetrachloroben...	12.743	216	956157	84.998	ng	98
41) Hexachlorocyclopentadiene	12.720	237	537242	80.057	ng	97
43) 2,4,6-Trichlorophenol	12.990	196	602781	80.116	ng	96
44) 2,4,5-Trichlorophenol	13.058	196	669829	82.796	ng	# 87

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46) 1,1'-Biphenyl	13.373	154	2047566	71.063	ng	98
47) 2-Chloronaphthalene	13.418	162	1677624	76.242	ng	98
48) 2-Nitroaniline	13.621	65	553618	79.412	ng #	80
49) Acenaphthylene	14.274	152	2443600	71.228	ng	99
50) Dimethylphthalate	14.004	163	2202073	79.618	ng	99
51) 2,6-Dinitrotoluene	14.117	165	447343	80.992	ng	89
52) Acenaphthene	14.612	154	1768605	83.710	ng	99
53) 3-Nitroaniline	14.454	138	441448	72.267	ng #	68
54) 2,4-Dinitrophenol	14.657	184	264316	78.699	ng #	61
55) Dibenzofuran	14.950	168	2325429	67.820	ng	94
56) 4-Nitrophenol	14.747	139	412755	83.336	ng #	79
57) 2,4-Dinitrotoluene	14.905	165	623377	83.847	ng #	69
58) Fluorene	15.581	166	1918371	71.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	521242m	73.760	ng	
60) Diethylphthalate	15.355	149	1962903	71.114	ng	97
61) 4-Chlorophenyl-phenyle...	15.581	204	1163598	85.346	ng	98
62) 4-Nitroaniline	15.603	138	501143	79.543	ng	93
63) Azobenzene	15.874	77	2184659	80.120	ng	86
66) n-Nitrosodiphenylamine	15.783	169	1487113	74.335	ng	99
67) 4-Bromophenyl-phenylether	16.482	248	585936	83.931	ng #	78
68) Hexachlorobenzene	16.594	284	687068	88.096	ng #	92
69) Atrazine	16.752	200	471540	69.979	ng	88
70) Pentachlorophenol	16.932	266	460875	94.833	ng	99
71) Phenanthrene	17.315	178	2801046	76.850	ng	99
72) Anthracene	17.405	178	2787106	79.030	ng	98
73) Carbazole	17.676	167	2784017	79.606	ng	99
74) Di-n-butylphthalate	18.239	149	3117029	82.264	ng	99
75) Fluoranthene	19.320	202	2906526	71.404	ng	91
77) Benzidine	19.500	184	774331	72.171	ng	100
78) Pyrene	19.703	202	3018029	88.539	ng	100
80) Butylbenzylphthalate	20.581	149	1832149	133.918	ng	91
81) Benzo(a)anthracene	21.437	228	3378674	101.159	ng	99
83) Chrysene	21.482	228	3541281m	109.488	ng	
84) Bis(2-ethylhexyl)phtha...	21.347	149	1423017	73.337	ng #	92
85) Di-n-octyl phthalate	22.271	149	3660443	112.578	ng #	90
87) Indeno(1,2,3-cd)pyrene	26.325	276	3666483	79.370	ng	99
88) Benzo(b)fluoranthene	23.104	252	3195058m	83.460	ng	
89) Benzo(k)fluoranthene	23.149	252	3016728m	77.756	ng	
90) Benzo(a)pyrene	23.735	252	2738880	84.704	ng #	98
91) Dibenzo(a,h)anthracene	26.348	278	3003805	77.345	ng	97
92) Benzo(g,h,i)perylene	27.091	276	3031807	80.000	ng	97

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

