

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035361.D
 Acq On : 02 Jun 2022 14:09
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

06/03/2022
 Supervised By :Jagrut
 Upadhyay

Quant Time: Jun 02 15:17:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 15:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	305131	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1163739	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	795160	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1672000	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	1591415	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	1701330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1431474	86.620	ng	0.00
7) Phenol-d6	7.046	99	1920875	89.765	ng	0.00
23) Nitrobenzene-d5	9.022	82	1823513	86.257	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1200797	116.407	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	5397098	94.125	ng	0.00
79) Terphenyl-d14	19.868	244	7646308	85.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	223349	34.509	ng	# 85
3) Pyridine	3.734	79	630390m	37.438	ng	
4) n-Nitrosodimethylamine	3.646	42	245983	29.994	ng	# 61
6) Aniline	7.187	93	1058822	46.571	ng	94
8) 2-Chlorophenol	7.428	128	880007	47.321	ng	89
9) Benzaldehyde	6.999	77	395417	35.640	ng	87
10) Phenol	7.069	94	928787	44.536	ng	92
11) bis(2-Chloroethyl)ether	7.287	93	768180	47.124	ng	90
12) 1,3-Dichlorobenzene	7.746	146	1032684	48.045	ng	# 93
13) 1,4-Dichlorobenzene	7.893	146	1047372	47.711	ng	97
14) 1,2-Dichlorobenzene	8.210	146	1026892	48.198	ng	96
15) Benzyl Alcohol	8.104	79	699820	45.979	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.393	45	926897	42.307	ng	93
17) 2-Methylphenol	8.316	107	687020	46.984	ng	95
18) Hexachloroethane	8.934	117	350112	46.559	ng	# 80
19) n-Nitroso-di-n-propyla...	8.675	70	581530	44.063	ng	# 85
20) 3+4-Methylphenols	8.651	107	948153	47.371	ng	97
22) Acetophenone	8.687	105	1240217	44.783	ng	# 90
24) Nitrobenzene	9.063	77	829435	42.539	ng	90
25) Isophorone	9.598	82	1524913	47.659	ng	# 93
26) 2-Nitrophenol	9.775	139	547375	54.407	ng	# 83
27) 2,4-Dimethylphenol	9.845	122	708323	50.266	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	1069314	49.419	ng	98
29) 2,4-Dichlorophenol	10.316	162	972710	54.810	ng	96
30) 1,2,4-Trichlorobenzene	10.522	180	1126481	53.169	ng	98
31) Naphthalene	10.704	128	2738988	48.302	ng	100
32) Benzoic acid	10.069	122	657937	54.882	ng	89
33) 4-Chloroaniline	10.822	127	1125397	50.106	ng	# 94
34) Hexachlorobutadiene	10.992	225	750000	54.101	ng	98
35) Caprolactam	11.651	113	262752	53.955	ng	# 74
36) 4-Chloro-3-methylphenol	11.969	107	856135	48.557	ng	93
37) 2-Methylnaphthalene	12.322	142	2016012	50.420	ng	96
38) 1-Methylnaphthalene	12.539	142	1954457	50.004	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	1325813	52.067	ng	# 96
41) Hexachlorocyclopentadiene	12.669	237	644172	48.205	ng	98
43) 2,4,6-Trichlorophenol	12.939	196	896091	54.001	ng	99

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44) 2,4,5-Trichlorophenol	13.016	196	947394	53.673	ng	#	90
46) 1,1'-Biphenyl	13.333	154	2806325	47.899	ng		98
47) 2-Chloronaphthalene	13.375	162	2189439	48.197	ng		97
48) 2-Nitroaniline	13.586	65	495918	43.751	ng	#	77
49) Acenaphthylene	14.222	152	3277330	48.386	ng		100
50) Dimethylphthalate	13.969	163	2782987	49.352	ng	#	99
51) 2,6-Dinitrotoluene	14.080	165	605832	52.336	ng	#	74
52) Acenaphthene	14.563	154	1980707	48.019	ng		99
53) 3-Nitroaniline	14.416	138	579711	50.549	ng		87
54) 2,4-Dinitrophenol	14.627	184	421599	57.020	ng	#	71
55) Dibenzofuran	14.898	168	3346695	48.174	ng		93
56) 4-Nitrophenol	14.745	139	448212	50.693	ng	#	76
57) 2,4-Dinitrotoluene	14.874	165	824623	53.106	ng	#	79
58) Fluorene	15.545	166	2568425	47.418	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	846910	54.211	ng	#	80
60) Diethylphthalate	15.327	149	2758044	50.059	ng		95
61) 4-Chlorophenyl-phenyle...	15.539	204	1484919	50.352	ng	#	89
62) 4-Nitroaniline	15.580	138	590993	51.022	ng		84
63) Azobenzene	15.833	77	2020982	43.357	ng		87
65) 4,6-Dinitro-2-methylph...	15.645	198	597225	56.952	ng	#	75
66) n-Nitrosodiphenylamine	15.757	169	2353806	48.879	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	1021835	54.658	ng	#	86
68) Hexachlorobenzene	16.557	284	1121913	53.871	ng	#	85
69) Atrazine	16.716	200	831875	51.900	ng		96
70) Pentachlorophenol	16.904	266	649329	53.982	ng		99
71) Phenanthrene	17.286	178	4073712	47.421	ng		100
72) Anthracene	17.380	178	4084447	48.708	ng		100
73) Carbazole	17.651	167	3772667	47.308	ng		98
74) Di-n-butylphthalate	18.215	149	4726639	51.084	ng		98
75) Fluoranthene	19.304	202	4715440	46.865	ng		97
77) Benzidine	19.486	184	1342273	41.638	ng		100
78) Pyrene	19.662	202	4827442	46.237	ng		99
80) Butylbenzylphthalate	20.562	149	2077541	52.025	ng	#	84
81) Benzo(a)anthracene	21.415	228	4746056	47.160	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1239653	49.753	ng	#	98
83) Chrysene	21.468	228	4561787	48.020	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	3060469	54.206	ng	#	93
85) Di-n-octyl phthalate	22.256	149	5369860	57.329	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.250	276	5789672	49.947	ng	#	94
88) Benzo(b)fluoranthene	23.074	252	4776690	46.537	ng		98
89) Benzo(k)fluoranthene	23.121	252	4737694	46.718	ng		98
90) Benzo(a)pyrene	23.686	252	4103304	48.232	ng	#	97
91) Dibenzo(a,h)anthracene	26.262	278	4799044	49.840	ng	#	96
92) Benzo(g,h,i)perylene	26.997	276	4734143	49.297	ng	#	95

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

