

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
 Data File : BM031007.D
 Acq On : 19 Jul 2021 16:08
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 7/20/2021 11:38:24 AM

Quant Time: Jul 19 16:51:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 16:47:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	92577	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	415209	20.000	ng	0.00
39) Acenaphthene-d10	14.274	164	298655	20.000	ng	0.00
64) Phenanthrene-d10	17.021	188	681903	20.000	ng	0.00
76) Chrysene-d12	21.209	240	750735	20.000	ng	0.00
86) Perylene-d12	23.392	264	760562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	424419	74.528	ng	0.00
7) Phenol-d6	6.828	99	617499	74.904	ng	0.00
23) Nitrobenzene-d5	8.792	82	682381	80.066	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	329931	87.866	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1682237	74.074	ng	0.00
79) Terphenyl-d14	19.662	244	3296872	77.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	81877	33.259	ng	92
3) Pyridine	3.628	79	242312m	38.558	ng	
4) n-Nitrosodimethylamine	3.546	42	139552	43.743	ng	93
6) Aniline	6.987	93	329273	35.000	ng	99
8) 2-Chlorophenol	7.210	128	252455	37.771	ng	99
9) Benzaldehyde	6.798	77	175573	50.990	ng	96
10) Phenol	6.851	94	299270	35.935	ng	93
11) bis(2-Chloroethyl)ether	7.087	93	221003	33.680	ng	97
12) 1,3-Dichlorobenzene	7.534	146	267616	36.342	ng	95
13) 1,4-Dichlorobenzene	7.681	146	272264	36.281	ng	96
14) 1,2-Dichlorobenzene	7.987	146	266445	36.499	ng	98
15) Benzyl Alcohol	7.887	79	263613	45.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	278995	26.423	ng	98
17) 2-Methylphenol	8.087	107	215303	39.894	ng	96
18) Hexachloroethane	8.704	117	111526	41.350	ng	92
19) n-Nitroso-di-n-propyla...	8.451	70	224806	41.071	ng	98
20) 3+4-Methylphenols	8.416	107	304781	41.507	ng	97
22) Acetophenone	8.463	105	424909	38.302	ng	# 96
24) Nitrobenzene	8.834	77	340994	38.355	ng	99
25) Isophorone	9.363	82	617044	37.775	ng	99
26) 2-Nitrophenol	9.534	139	149291	43.897	ng	92
27) 2,4-Dimethylphenol	9.604	122	229823	36.348	ng	96
28) bis(2-Chloroethoxy)met...	9.839	93	313128	33.715	ng	98
29) 2,4-Dichlorophenol	10.063	162	274201	38.685	ng	96
30) 1,2,4-Trichlorobenzene	10.275	180	293583	36.286	ng	98
31) Naphthalene	10.463	128	879346	36.356	ng	99
32) Benzoic acid	9.769	122	192210	49.790	ng	97
33) 4-Chloroaniline	10.575	127	379343	38.538	ng	98
34) Hexachlorobutadiene	10.745	225	190985	39.544	ng	95
35) Caprolactam	11.381	113	91295m	41.027	ng	
36) 4-Chloro-3-methylphenol	11.704	107	316374	42.611	ng	95
37) 2-Methylnaphthalene	12.075	142	675469	38.063	ng	97
38) 1-Methylnaphthalene	12.298	142	646529	38.250	ng	99
40) 1,2,4,5-Tetrachloroben...	12.445	216	350100	36.368	ng	98
41) Hexachlorocyclopentadiene	12.428	237	207276	39.270	ng	99
43) 2,4,6-Trichlorophenol	12.698	196	248944	38.252	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	273618	38.330	ng	# 93
46) 1,1'-Biphenyl	13.104	154	879224	36.353	ng	100
47) 2-Chloronaphthalene	13.145	162	699154	35.764	ng	96
48) 2-Nitroaniline	13.357	65	225756	42.966	ng	96
49) Acenaphthylene	13.992	152	1111609	37.118	ng	99
50) Dimethylphthalate	13.751	163	927589	39.027	ng	100
51) 2,6-Dinitrotoluene	13.863	165	212334	40.526	ng	88
52) Acenaphthene	14.339	154	692478	36.200	ng	99
53) 3-Nitroaniline	14.192	138	215600	41.465	ng	98
54) 2,4-Dinitrophenol	14.392	184	128725	44.825	ng	94
55) Dibenzofuran	14.674	168	1139172	37.426	ng	94
56) 4-Nitrophenol	14.504	139	188359	42.337	ng	90
57) 2,4-Dinitrotoluene	14.651	165	300962	46.399	ng	88
58) Fluorene	15.327	166	969935	38.626	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	255172	41.301	ng	92
60) Diethylphthalate	15.121	149	1010305	42.521	ng	97
61) 4-Chlorophenyl-phenyle...	15.327	204	482728	39.006	ng	# 90
62) 4-Nitroaniline	15.363	138	237800	44.552	ng	88
63) Azobenzene	15.621	77	999515	41.649	ng	94
65) 4,6-Dinitro-2-methylph...	15.410	198	183897	40.348	ng	84
66) n-Nitrosodiphenylamine	15.545	169	836280	35.265	ng	99
67) 4-Bromophenyl-phenylether	16.221	248	296550	37.318	ng	94
68) Hexachlorobenzene	16.327	284	332544	36.906	ng	97
69) Atrazine	16.510	200	307835	48.470	ng	97
70) Pentachlorophenol	16.668	266	225525	42.763	ng	97
71) Phenanthrene	17.068	178	1557215	36.292	ng	99
72) Anthracene	17.157	178	1542374	37.021	ng	99
73) Carbazole	17.427	167	1509260	37.987	ng	98
74) Di-n-butylphthalate	18.004	149	1847410	44.600	ng	99
75) Fluoranthene	19.080	202	1943366	39.901	ng	99
77) Benzidine	19.280	184	1038902	78.212	ng	99
78) Pyrene	19.445	202	2022660	35.556	ng	99
80) Butylbenzylphthalate	20.362	149	891453	43.557	ng	96
81) Benzo(a)anthracene	21.198	228	2087877	38.212	ng	98
82) 3,3'-Dichlorobenzidine	21.139	252	582301	35.204	ng	99
83) Chrysene	21.250	228	2010857	37.869	ng	99
84) Bis(2-ethylhexyl)phtha...	21.145	149	1376043	44.735	ng	97
85) Di-n-octyl phthalate	22.015	149	2318455	48.249	ng	99
87) Indeno(1,2,3-cd)pyrene	25.574	276	2211300	38.225	ng	100
88) Benzo(b)fluoranthene	22.744	252	2171160	37.717	ng	99
89) Benzo(k)fluoranthene	22.792	252	2008315	35.722	ng	99
90) Benzo(a)pyrene	23.303	252	1937274	38.058	ng	99
91) Dibenzo(a,h)anthracene	25.591	278	1908234	38.259	ng	99
92) Benzo(g,h,i)perylene	26.238	276	1792041	37.774	ng	99

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

