

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125593.D
 Acq On : 23 Sep 2021 15:43
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/24/2021 5:30:06 PM

Quant Time: Sep 23 16:46:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	281827	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1101363	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	558459	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	898234	20.000	ng	0.00
76) Chrysene-d12	14.063	240	492604	20.000	ng	0.00
86) Perylene-d12	15.539	264	469616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1286648	72.195	ng	0.00
7) Phenol-d6	6.522	99	1656859	72.106	ng	0.00
23) Nitrobenzene-d5	7.463	82	1381720	80.018	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	427177	78.096	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2551473	82.361	ng	0.00
79) Terphenyl-d14	13.010	244	2235628	73.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	271566	37.794	ng	# 100
3) Pyridine	3.446	79	726637	37.740	ng	# 71
4) n-Nitrosodimethylamine	3.405	42	268718	35.385	ng	# 3
6) Aniline	6.563	93	961923	36.362	ng	94
8) 2-Chlorophenol	6.681	128	750287	36.867	ng	96
9) Benzaldehyde	6.446	77	440226	39.214	ng	93
10) Phenol	6.534	94	838533	35.852	ng	90
11) bis(2-Chloroethyl)ether	6.634	93	671818	35.929	ng	97
12) 1,3-Dichlorobenzene	6.840	146	790594	36.144	ng	97
13) 1,4-Dichlorobenzene	6.916	146	800935	36.226	ng	97
14) 1,2-Dichlorobenzene	7.069	146	752255	36.430	ng	99
15) Benzyl Alcohol	7.034	79	595721	36.228	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	879495	34.184	ng	89
17) 2-Methylphenol	7.140	107	589244	36.273	ng	97
18) Hexachloroethane	7.416	117	285092	36.215	ng	90
19) n-Nitroso-di-n-propyla...	7.316	70	474535	34.505	ng	# 67
20) 3+4-Methylphenols	7.298	107	715599	35.428	ng	93
22) Acetophenone	7.310	105	913826	35.861	ng	# 89
24) Nitrobenzene	7.481	77	714842	39.066	ng	97
25) Isophorone	7.722	82	1333752	35.892	ng	94
26) 2-Nitrophenol	7.793	139	383644	46.562	ng	91
27) 2,4-Dimethylphenol	7.828	122	607573	36.793	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	766201	35.888	ng	97
29) 2,4-Dichlorophenol	8.034	162	630105	37.746	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	649598	36.923	ng	95
31) Naphthalene	8.204	128	2054724	36.326	ng	99
32) Benzoic acid	7.940	122	429688m	42.855	ng	
33) 4-Chloroaniline	8.245	127	853116	36.797	ng	99
34) Hexachlorobutadiene	8.322	225	368555	37.150	ng	99
35) Caprolactam	8.622	113	171858	37.538	ng	# 84
36) 4-Chloro-3-methylphenol	8.722	107	602328	36.731	ng	99
37) 2-Methylnaphthalene	8.892	142	1403047	36.622	ng	99
38) 1-Methylnaphthalene	8.992	142	1314901	36.579	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	569869	37.898	ng	99
41) Hexachlorocyclopentadiene	9.051	237	304806	36.247	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	435738	38.461	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	464418	39.061	ng	92
46) 1,1'-Biphenyl	9.357	154	1594376	37.891	ng	96
47) 2-Chloronaphthalene	9.387	162	1319865	37.766	ng	97
48) 2-Nitroaniline	9.475	65	328339	44.028	ng	88
49) Acenaphthylene	9.798	152	1918131	37.345	ng	97
50) Dimethylphthalate	9.657	163	1451945	37.777	ng	98
51) 2,6-Dinitrotoluene	9.716	165	331474	43.349	ng	96
52) Acenaphthene	9.975	154	1220906	37.656	ng	98
53) 3-Nitroaniline	9.886	138	344321	42.398	ng	95
54) 2,4-Dinitrophenol	9.986	184	132222	47.996	ng #	77
55) Dibenzofuran	10.145	168	1764467	36.673	ng	95
56) 4-Nitrophenol	10.028	139	273292	41.483	ng	86
57) 2,4-Dinitrotoluene	10.116	165	425899	46.476	ng #	87
58) Fluorene	10.486	166	1278758	34.557	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	346914	38.848	ng #	90
60) Diethylphthalate	10.357	149	1405211	37.097	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	599587	36.433	ng	92
62) 4-Nitroaniline	10.498	138	307243	41.864	ng #	75
63) Azobenzene	10.639	77	1320987	35.891	ng	84
65) 4,6-Dinitro-2-methylph...	10.528	198	208036	47.711	ng #	70
66) n-Nitrosodiphenylamine	10.592	169	1203885	36.917	ng	95
67) 4-Bromophenyl-phenylether	10.969	248	378711	36.894	ng	97
68) Hexachlorobenzene	11.033	284	434958	37.599	ng #	87
69) Atrazine	11.122	200	344490	39.281	ng	94
70) Pentachlorophenol	11.222	266	260031	39.425	ng	95
71) Phenanthrene	11.451	178	1855126	36.768	ng	98
72) Anthracene	11.498	178	1847166	36.727	ng	97
73) Carbazole	11.651	167	1697558	35.687	ng	98
74) Di-n-butylphthalate	11.986	149	2006874	35.549	ng	99
75) Fluoranthene	12.633	202	1765277	35.662	ng	97
77) Benzidine	12.751	184	521500	37.336	ng	98
78) Pyrene	12.863	202	1746516	37.834	ng	96
80) Butylbenzylphthalate	13.480	149	709697	38.047	ng	96
81) Benzo(a)anthracene	14.051	228	1244416	37.110	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	402152	39.142	ng	97
83) Chrysene	14.086	228	1292089	38.144	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	892673	39.147	ng	99
85) Di-n-octyl phthalate	14.657	149	1531959	40.404	ng #	89
87) Indeno(1,2,3-cd)pyrene	17.033	276	1335644	39.620	ng	97
88) Benzo(b)fluoranthene	15.110	252	1268050	36.920	ng	98
89) Benzo(k)fluoranthene	15.139	252	1181902	37.627	ng	97
90) Benzo(a)pyrene	15.480	252	1116983	37.367	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	1147904	40.176	ng	96
92) Benzo(g,h,i)perylene	17.486	276	1090730	38.679	ng	93

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

