

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132754.D
 Acq On : 13 Mar 2023 10:57
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:27:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	261998	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	906082	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	471285	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	855766	20.000	ng	0.00
76) Chrysene-d12	14.168	240	553984	20.000	ng	0.00
86) Perylene-d12	15.698	264	485893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1218147	75.459	ng	0.00
7) Phenol-d6	6.610	99	1557881	73.945	ng	0.00
23) Nitrobenzene-d5	7.545	82	1433844	75.079	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	413695	81.281	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	2269691	73.331	ng	0.00
79) Terphenyl-d14	13.098	244	2551901	77.883	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	344530	38.583	ng	95
3) Pyridine	3.604	79	926168	39.074	ng	93
4) n-Nitrosodimethylamine	3.575	42	321532	35.912	ng	85
6) Aniline	6.645	93	1117373	39.410	ng	96
8) 2-Chlorophenol	6.763	128	650295	38.813	ng	98
9) Benzaldehyde	6.528	77	404767	35.605	ng	98
10) Phenol	6.622	94	900590	37.285	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	731996	39.256	ng	95
12) 1,3-Dichlorobenzene	6.916	146	702060	39.047	ng	98
13) 1,4-Dichlorobenzene	6.992	146	695076	38.716	ng	100
14) 1,2-Dichlorobenzene	7.145	146	626382	36.355	ng	99
15) Benzyl Alcohol	7.116	79	614611	37.879	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	868928	36.543	ng	97
17) 2-Methylphenol	7.228	107	600623	38.411	ng	98
18) Hexachloroethane	7.486	117	272838	38.900	ng	95
19) n-Nitroso-di-n-propyla...	7.386	70	437377	33.732	ng	94
20) 3+4-Methylphenols	7.381	107	655632	32.455	ng	# 85
22) Acetophenone	7.386	105	830920	36.368	ng	# 89
24) Nitrobenzene	7.563	77	767589	37.581	ng	99
25) Isophorone	7.798	82	1421500	38.823	ng	99
26) 2-Nitrophenol	7.875	139	365136	40.518	ng	95
27) 2,4-Dimethylphenol	7.910	122	555880	39.083	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	863954	40.336	ng	100
29) 2,4-Dichlorophenol	8.116	162	562582	39.763	ng	97
30) 1,2,4-Trichlorobenzene	8.198	180	622265	40.503	ng	99
31) Naphthalene	8.281	128	1778780	38.348	ng	99
32) Benzoic acid	8.039	122	402760m	36.899	ng	
33) 4-Chloroaniline	8.328	127	805966	40.547	ng	97
34) Hexachlorobutadiene	8.392	225	406669	41.656	ng	99
35) Caprolactam	8.716	113	181773m	38.970	ng	
36) 4-Chloro-3-methylphenol	8.810	107	597546	38.457	ng	95
37) 2-Methylnaphthalene	8.975	142	1213573	38.390	ng	99
38) 1-Methylnaphthalene	9.075	142	1131807	38.312	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	653956	42.411	ng	99
41) Hexachlorocyclopentadiene	9.122	237	299237	35.780	ng	100
43) 2,4,6-Trichlorophenol	9.251	196	428299	40.987	ng	99

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44) 2,4,5-Trichlorophenol	9.298	196	485832	39.835	ng	99
46) 1,1'-Biphenyl	9.439	154	1410616	39.545	ng	98
47) 2-Chloronaphthalene	9.469	162	1119387	39.580	ng	98
48) 2-Nitroaniline	9.563	65	373511	35.859	ng	92
49) Acenaphthylene	9.880	152	1736351	38.577	ng	100
50) Dimethylphthalate	9.733	163	1378077	40.159	ng	100
51) 2,6-Dinitrotoluene	9.804	165	315898	40.422	ng	92
52) Acenaphthene	10.057	154	1080079m	37.790	ng	
53) 3-Nitroaniline	9.975	138	347751	39.779	ng	100
54) 2,4-Dinitrophenol	10.086	184	161831	33.948	ng	89
55) Dibenzofuran	10.227	168	1592367	38.217	ng	99
56) 4-Nitrophenol	10.139	139	223666	34.307	ng	90
57) 2,4-Dinitrotoluene	10.210	165	399562	38.431	ng	99
58) Fluorene	10.569	166	1224327	38.415	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	361746	39.929	ng	97
60) Diethylphthalate	10.433	149	1322066	39.448	ng	100
61) 4-Chlorophenyl-phenyle...	10.557	204	664510	40.191	ng	97
62) 4-Nitroaniline	10.598	138	331913	38.679	ng	90
63) Azobenzene	10.722	77	1330483	37.485	ng	97
65) 4,6-Dinitro-2-methylph...	10.627	198	242216	41.811	ng	84
66) n-Nitrosodiphenylamine	10.680	169	1083997	40.631	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	416503	43.027	ng	95
68) Hexachlorobenzene	11.122	284	431125	42.327	ng	98
69) Atrazine	11.204	200	352988	42.381	ng	99
70) Pentachlorophenol	11.316	266	240425	39.673	ng	99
71) Phenanthrene	11.539	178	1711981	38.617	ng	99
72) Anthracene	11.592	178	1777999	38.946	ng	100
73) Carbazole	11.745	167	1566981	38.070	ng	100
74) Di-n-butylphthalate	12.063	149	2006489	41.558	ng	99
75) Fluoranthene	12.733	202	1901203	39.228	ng	98
77) Benzidine	12.851	184	619146	45.912	ng	100
78) Pyrene	12.968	202	1931230	38.343	ng	99
80) Butylbenzylphthalate	13.568	149	838747	42.199	ng	97
81) Benzo(a)anthracene	14.157	228	1641977	39.613	ng	98
82) 3,3'-Dichlorobenzidine	14.115	252	461171	37.738	ng	# 98
83) Chrysene	14.198	228	1517569	39.152	ng	100
84) Bis(2-ethylhexyl)phtha...	14.121	149	1098765	45.001	ng	100
85) Di-n-octyl phthalate	14.745	149	1735397	48.638	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1372529	43.110	ng	99
88) Benzo(b)fluoranthene	15.245	252	1283281	39.410	ng	99
89) Benzo(k)fluoranthene	15.274	252	1296347	40.678	ng	99
90) Benzo(a)pyrene	15.639	252	1219215	40.006	ng	98
91) Dibenzo(a,h)anthracene	17.298	278	1125523	43.389	ng	98
92) Benzo(g,h,i)perylene	17.768	276	1182960	40.610	ng	100

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

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