

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102063.D
 Acq On : 15 Jan 2018 15:23
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 15 17:29:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	194354	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	813969	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	370879	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	637288	20.00	ng	0.00
75) Chrysene-d12	13.87	240	474186	20.00	ng	0.00
86) Perylene-d12	15.29	264	401313	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1002965	72.87	ng	0.00
7) Phenol-d6	6.36	99	1200722	73.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	1100412	79.44	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	269594	83.30	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1796282	75.67	ng	0.00
78) Terphenyl-d14	12.83	244	1510512	66.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	249926	36.386	ng	95
3) Pyridine	3.09	79	680285	36.267	ng	95
4) n-Nitrosodimethylamine	3.05	42	275441	35.065	ng	95
6) Aniline	6.39	93	837934	36.208	ng	99
8) 2-Chlorophenol	6.50	128	521538	37.782	ng	99
9) Benzaldehyde	6.27	77	385801	33.836	ng	98
10) Phenol	6.37	94	668016	35.996	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	521126	36.893	ng	96
12) 1,3-Dichlorobenzene	6.66	146	600933	37.764	ng	99
13) 1,4-Dichlorobenzene	6.74	146	603932	38.034	ng	99
14) 1,2-Dichlorobenzene	6.89	146	557765	37.951	ng	99
15) Benzyl Alcohol	6.87	79	448973	37.377	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	913506	35.083	ng	98
17) 2-Methylphenol	6.98	107	468558	37.627	ng	100
18) Hexachloroethane	7.23	117	217134	38.833	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	374845	34.832	ng	99
20) 3+4-Methylphenols	7.13	107	538247	35.999	ng	# 73
22) Acetophenone	7.14	105	702220	35.806	ng	# 91
24) Nitrobenzene	7.31	77	577942	38.829	ng	98
25) Isophorone	7.55	82	1004793	36.712	ng	98
26) 2-Nitrophenol	7.62	139	305273	49.003	ng	97
27) 2,4-Dimethylphenol	7.66	122	442283	38.015	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	608666	36.832	ng	99
29) 2,4-Dichlorophenol	7.86	162	433886	39.275	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	449359	38.887	ng	98
31) Naphthalene	8.03	128	1527763	37.562	ng	99
32) Benzoic acid	7.79	122	427798	48.490	ng	98
33) 4-Chloroaniline	8.08	127	668814	38.527	ng	99
34) Hexachlorobutadiene	8.15	225	239996	39.237	ng	98
35) Caprolactam	8.46	113	150205	39.605	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	464667	38.425	ng	96
37) 2-Methylnaphthalene	8.72	142	1008197	37.653	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	403315	38.439	ng	99
40) Hexachlorocyclopentadiene	8.87	237	243427	42.422	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	292007	40.386	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	321794	39.377	ng	96
45) 1,1'-Biphenyl	9.19	154	1196295	36.493	ng	98
46) 2-Chloronaphthalene	9.21	162	960334	37.777	ng	97
47) 2-Nitroaniline	9.30	65	328437	43.132	ng	93
48) Acenaphthylene	9.62	152	1475601	36.577	ng	99
49) Dimethylphthalate	9.49	163	1112570	37.395	ng	100
50) 2,6-Dinitrotoluene	9.55	165	249566	41.993	ng	97
51) Acenaphthene	9.79	154	872613	35.637	ng	98
52) 3-Nitroaniline	9.72	138	310136	41.349	ng	99
53) 2,4-Dinitrophenol	9.82	184	120918	56.136	ng	# 20
54) Dibenzofuran	9.96	168	1225477	36.466	ng	98
55) 4-Nitrophenol	9.87	139	232054	41.515	ng	97
56) 2,4-Dinitrotoluene	9.95	165	324682	43.588	ng	# 97
57) Fluorene	10.30	166	919993	39.601	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	235869	40.541	ng	98
59) Diethylphthalate	10.19	149	1085402	36.675	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	389501	39.374	ng	98
61) 4-Nitroaniline	10.33	138	310569	43.630	ng	88
62) Azobenzene	10.46	77	1042917	35.419	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	177836	50.982	ng	95
65) n-Nitrosodiphenylamine	10.42	169	875651	36.694	ng	100
66) 4-Bromophenyl-phenylether	10.79	248	255328	37.938	ng	99
67) Hexachlorobenzene	10.85	284	285817	38.902	ng	92
68) Atrazine	10.95	200	270427	39.212	ng	100
69) Pentachlorophenol	11.05	266	188376	42.046	ng	99
70) Phenanthrene	11.26	178	1377492	37.003	ng	99
71) Anthracene	11.32	178	1396755	36.996	ng	99
72) Carbazole	11.47	167	1380103	37.191	ng	99
73) Di-n-butylphthalate	11.80	149	1670087	36.683	ng	100
74) Fluoranthene	12.45	202	1387350	37.879	ng	98
76) Benzidine	12.57	184	792111	34.593	ng	98
77) Pyrene	12.68	202	1431977	34.164	ng	100
79) Butylbenzylphthalate	13.30	149	687977	35.765	ng	98
80) Benzo(a)anthracene	13.86	228	1069501	35.350	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	424120	37.860	ng	98
82) Chrysene	13.90	228	1123935	35.627	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	778414	35.276	ng	100
84) Di-n-octyl phthalate	14.47	149	1302349	35.566	ng	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	826529	35.997	ng	97
87) Benzo(b)fluoranthene	14.88	252	1025739	39.200	ng	97
88) Benzo(k)fluoranthene	14.92	252	906621	35.916	ng	98
89) Benzo(a)pyrene	15.23	252	906709	38.507	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	685085	36.459	ng	98
91) Benzo(g,h,i)perylene	17.07	276	678187	35.829	ng	96

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

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