

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122567.D
 Acq On : 7 Dec 2020 10:51
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 07 12:49:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	180670	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	661574	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	349904	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	638707	20.00	ng	0.00
76) Chrysene-d12	14.010	240	528030	20.00	ng	0.00
86) Perylene-d12	15.468	264	503856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	920019	80.62	ng	0.00
7) Phenol-d6	6.475	99	1213356	80.17	ng	0.00
23) Nitrobenzene-d5	7.404	82	1076607	81.53	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	370830	80.97	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1919900	74.21	ng	0.00
79) Terphenyl-d14	12.951	244	2276239	75.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	221307	41.26	ng	100
3) Pyridine	3.334	79	593090	41.83	ng	100
4) n-Nitrosodimethylamine	3.287	42	235071	41.35	ng	96
6) Aniline	6.504	93	732566	41.12	ng	100
8) 2-Chlorophenol	6.628	128	509030	40.47	ng	99
9) Benzaldehyde	6.393	77	329823	36.00	ng	98
10) Phenol	6.487	94	637197	40.63	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	487248	40.67	ng	99
12) 1,3-Dichlorobenzene	6.781	146	601888	40.44	ng	98
13) 1,4-Dichlorobenzene	6.857	146	605326	40.34	ng	98
14) 1,2-Dichlorobenzene	7.016	146	564451	38.96	ng	98
15) Benzyl Alcohol	6.987	79	432827	41.53	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	700723	41.01	ng	99
17) 2-Methylphenol	7.093	107	414587	41.46	ng	99
18) Hexachloroethane	7.357	117	218761	40.90	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	346835	40.01	ng	98
20) 3+4-Methylphenols	7.251	107	495086	39.19	ng	90
22) Acetophenone	7.251	105	651284	39.59	ng	# 94
24) Nitrobenzene	7.428	77	535082	40.73	ng	96
25) Isophorone	7.663	82	915217	40.24	ng	99
26) 2-Nitrophenol	7.740	139	266319	41.57	ng	97
27) 2,4-Dimethylphenol	7.781	122	384944	40.99	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	629157	40.40	ng	99
29) 2,4-Dichlorophenol	7.981	162	442416	40.34	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	497816	40.07	ng	99
31) Naphthalene	8.151	128	1463750	40.10	ng	100
32) Benzoic acid	7.910	122	324608	43.39	ng	97
33) 4-Chloroaniline	8.198	127	623894	40.88	ng	99
34) Hexachlorobutadiene	8.269	225	305560	39.96	ng	100
35) Caprolactam	8.569	113	138162	41.83	ng	96
36) 4-Chloro-3-methylphenol	8.681	107	443885	41.09	ng	99
37) 2-Methylnaphthalene	8.839	142	965155	39.97	ng	99
38) 1-Methylnaphthalene	8.939	142	914488	40.03	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	471178	40.65	ng	99
41) Hexachlorocyclopentadiene	8.992	237	210753	41.13	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	327983	40.98	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	340244	41.12	ng	98
46) 1,1'-Biphenyl	9.304	154	1163681	40.07	ng	100
47) 2-Chloronaphthalene	9.328	162	976511	40.59	ng	100
48) 2-Nitroaniline	9.422	65	294120	41.93	ng	90
49) Acenaphthylene	9.745	152	1429983	40.24	ng	100
50) Dimethylphthalate	9.604	163	1130959	40.47	ng	99
51) 2,6-Dinitrotoluene	9.663	165	242559	41.10	ng	# 86
52) Acenaphthene	9.916	154	934748	40.66	ng	98
53) 3-Nitroaniline	9.833	138	285553	41.87	ng	92
54) 2,4-Dinitrophenol	9.939	184	115094	39.89	ng	94
55) Dibenzofuran	10.086	168	1315664	40.68	ng	100
56) 4-Nitrophenol	9.992	139	203913	41.93	ng	91
57) 2,4-Dinitrotoluene	10.069	165	327985	41.72	ng	96
58) Fluorene	10.428	166	982757	38.20	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	299059	41.14	ng	99
60) Diethylphthalate	10.304	149	1095932	40.32	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	502114	39.64	ng	97
62) 4-Nitroaniline	10.451	138	289270	41.79	ng	96
63) Azobenzene	10.581	77	1015345	40.64	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	157597	40.46	ng	87
66) n-Nitrosodiphenylamine	10.539	169	902657	40.00	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	348564	40.27	ng	98
68) Hexachlorobenzene	10.980	284	386825	40.43	ng	96
69) Atrazine	11.069	200	288150	39.32	ng	98
70) Pentachlorophenol	11.169	266	217507	42.91	ng	99
71) Phenanthrene	11.392	178	1519305	40.03	ng	100
72) Anthracene	11.445	178	1513412	40.21	ng	99
73) Carbazole	11.598	167	1369961	40.13	ng	99
74) Di-n-butylphthalate	11.927	149	1719490	40.09	ng	100
75) Fluoranthene	12.580	202	1596115	40.10	ng	99
77) Benzidine	12.698	184	632055	55.34	ng	99
78) Pyrene	12.810	202	1608249	39.39	ng	99
80) Butylbenzylphthalate	13.427	149	735813	40.01	ng	98
81) Benzo(a)anthracene	13.998	228	1405075	39.82	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	524157	41.47	ng	97
83) Chrysene	14.033	228	1408336	40.10	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	973563	38.66	ng	99
85) Di-n-octyl phthalate	14.598	149	1670520	39.99	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1341797	40.57	ng	99
88) Benzo(b)fluoranthene	15.045	252	1394328	39.44	ng	98
89) Benzo(k)fluoranthene	15.074	252	1356439	41.96	ng	99
90) Benzo(a)pyrene	15.410	252	1259869	40.74	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1096602	40.51	ng	99
92) Benzo(g,h,i)perylene	17.362	276	1064076	40.62	ng	99

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

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