

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123782.D
 Acq On : 3 May 2021 16:31
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 03 16:52:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	258302	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	913880	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	441774	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	830270	20.00	ng	0.00
76) Chrysene-d12	13.980	240	561631	20.00	ng	0.00
86) Perylene-d12	15.433	264	442313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1257108	77.10	ng	0.00
7) Phenol-d6	6.451	99	1719814	76.57	ng	0.00
23) Nitrobenzene-d5	7.375	82	1605326	79.30	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	433732	78.87	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	2349602	77.45	ng	0.00
79) Terphenyl-d14	12.921	244	2417963	82.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	349024	39.74	ng	97
3) Pyridine	3.251	79	854076	39.79	ng	95
4) n-Nitrosodimethylamine	3.204	42	485673	41.07	ng	98
6) Aniline	6.475	93	984587	37.90	ng	98
8) 2-Chlorophenol	6.598	128	671653	38.30	ng	99
9) Benzaldehyde	6.357	77	429056	39.47	ng	96
10) Phenol	6.463	94	915102	37.93	ng	82
11) bis(2-Chloroethyl)ether	6.545	93	686265	38.96	ng	98
12) 1,3-Dichlorobenzene	6.751	146	688091	38.83	ng	96
13) 1,4-Dichlorobenzene	6.828	146	690993	38.54	ng	97
14) 1,2-Dichlorobenzene	6.981	146	639585	36.74	ng	98
15) Benzyl Alcohol	6.951	79	690902	39.24	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1465730	39.12	ng	99
17) 2-Methylphenol	7.069	107	577563	38.64	ng	97
18) Hexachloroethane	7.322	117	276276	38.93	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	526071	37.93	ng	99
20) 3+4-Methylphenols	7.222	107	698090	36.71	ng	# 80
22) Acetophenone	7.222	105	969851	39.04	ng	92
24) Nitrobenzene	7.392	77	843599	40.01	ng	95
25) Isophorone	7.633	82	1483300	39.08	ng	99
26) 2-Nitrophenol	7.710	139	356939	41.48	ng	98
27) 2,4-Dimethylphenol	7.751	122	532554	39.40	ng	96
28) bis(2-Chloroethoxy)met...	7.845	93	759360	39.26	ng	99
29) 2,4-Dichlorophenol	7.957	162	518027	38.88	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	551553	39.51	ng	96
31) Naphthalene	8.116	128	1825928	38.80	ng	99
32) Benzoic acid	7.880	122	358958	39.72	ng	99
33) 4-Chloroaniline	8.169	127	774323	39.43	ng	96
34) Hexachlorobutadiene	8.239	225	334431	39.30	ng	98
35) Caprolactam	8.539	113	179546	38.38	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	659513	39.68	ng	99
37) 2-Methylnaphthalene	8.810	142	1200404	39.14	ng	99
38) 1-Methylnaphthalene	8.910	142	1112916	38.61	ng	98
40) 1,2,4,5-Tetrachloroben...	8.974	216	512202	39.40	ng	99
41) Hexachlorocyclopentadiene	8.963	237	219653	40.49	ng	97
43) 2,4,6-Trichlorophenol	9.086	196	362707	40.50	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	390264	40.62	ng	97
46) 1,1'-Biphenyl	9.274	154	1382154	38.19	ng	99
47) 2-Chloronaphthalene	9.298	162	1077588	39.49	ng	100
48) 2-Nitroaniline	9.392	65	488916	40.67	ng	93
49) Acenaphthylene	9.716	152	1754166	39.82	ng	100
50) Dimethylphthalate	9.574	163	1193978	38.37	ng	99
51) 2,6-Dinitrotoluene	9.633	165	286948	39.89	ng	93
52) Acenaphthene	9.886	154	1062847	39.60	ng	99
53) 3-Nitroaniline	9.804	138	329944	38.40	ng	95
54) 2,4-Dinitrophenol	9.910	184	160368	41.97	ng	95
55) Dibenzofuran	10.057	168	1591748	39.21	ng	99
56) 4-Nitrophenol	9.974	139	254351	40.65	ng	97
57) 2,4-Dinitrotoluene	10.039	165	382607	39.01	ng	89
58) Fluorene	10.398	166	1201953	38.53	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.174	232	309439	40.68	ng	97
60) Diethylphthalate	10.274	149	1259192	38.02	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	553887	38.10	ng	98
62) 4-Nitroaniline	10.421	138	333433	39.16	ng	99
63) Azobenzene	10.551	77	1463474	38.44	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	216021	41.99	ng	82
66) n-Nitrosodiphenylamine	10.510	169	1060010	39.03	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	348943	39.91	ng	98
68) Hexachlorobenzene	10.951	284	396871	39.88	ng	# 90
69) Atrazine	11.039	200	313223	38.15	ng	95
70) Pentachlorophenol	11.145	266	219938	43.36	ng	92
71) Phenanthrene	11.363	178	1689175	38.79	ng	100
72) Anthracene	11.410	178	1708291	39.45	ng	99
73) Carbazole	11.568	167	1701555	38.88	ng	98
74) Di-n-butylphthalate	11.898	149	1880441	38.27	ng	99
75) Fluoranthene	12.551	202	1797536	37.84	ng	99
77) Benzidine	12.668	184	510860	35.13	ng	99
78) Pyrene	12.780	202	1834795	42.09	ng	99
80) Butylbenzylphthalate	13.398	149	768850	41.28	ng	98
81) Benzo(a)anthracene	13.968	228	1324858	38.93	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	452306	43.28	ng	99
83) Chrysene	14.009	228	1355952	39.60	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	882133	38.13	ng	100
85) Di-n-octyl phthalate	14.574	149	1377646	37.24	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1118217	43.41	ng	99
88) Benzo(b)fluoranthene	15.009	252	1181287	39.63	ng	99
89) Benzo(k)fluoranthene	15.039	252	1060322	37.27	ng	100
90) Benzo(a)pyrene	15.374	252	1018892	39.97	ng	97
91) Dibenzo(a,h)anthracene	16.892	278	940731	43.25	ng	99
92) Benzo(g,h,i)perylene	17.315	276	962891	44.20	ng	99

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

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