

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113504.D
 Acq On : 2 Apr 2019 14:30
 Operator : JU/SJ
 Sample : K2040-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 02:25:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	142186	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	539393	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	266731	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	544667	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	385815	20.00	ng	-0.01
87) Perylene-d12	15.23	264	348885	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	867528	99.76	ng	0.00
7) Phenol-d6	6.35	99	1136559	103.32	ng	-0.01
23) Nitrobenzene-d5	7.26	82	686159	75.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	350969	106.52	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1289844	73.38	ng	-0.01
79) Terphenyl-d14	12.78	244	1456194	83.19	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.38	88	128260	29.071 ng	97
3) Pyridine	3.09	79	315603	29.017 ng	99
4) n-Nitrosodimethylamine	3.01	42	154532	31.960 ng	91
6) Aniline	6.36	93	207416	15.483 ng	# 47
8) 2-Chlorophenol	6.49	128	337730	33.445 ng	94
9) Benzaldehyde	6.24	77	87334	11.831 ng	98
10) Phenol	6.36	94	439831	35.022 ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	321895	33.438 ng	98
12) 1,3-Dichlorobenzene	6.63	146	353762	32.500 ng	98
13) 1,4-Dichlorobenzene	6.71	146	364556	34.687 ng	99
14) 1,2-Dichlorobenzene	6.86	146	339709	32.855 ng	98
15) Benzyl Alcohol	6.85	79	268645	37.017 ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	498685	34.483 ng	94
17) 2-Methylphenol	6.96	107	269251	34.023 ng	98
18) Hexachloroethane	7.20	117	129143	34.212 ng	95
19) n-Nitroso-di-n-propylamine	7.11	70	229460	33.207 ng	97
20) 3+4-Methylphenols	7.12	107	353246	37.636 ng	96
22) Acetophenone	7.10	105	460291	37.419 ng	97
24) Nitrobenzene	7.27	77	347912	36.687 ng	95
25) Isophorone	7.52	82	645514	36.653 ng	97
26) 2-Nitrophenol	7.59	139	183185	36.545 ng	98
27) 2,4-Dimethylphenol	7.64	122	293675	40.729 ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	407190	36.715 ng	99
29) 2,4-Dichlorophenol	7.85	162	295299	37.791 ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	308094	36.546 ng	97
31) Naphthalene	8.00	128	972821	36.907 ng	99
32) Benzoic acid	7.73	122	21548	3.713 ng	95
33) 4-Chloroaniline	8.05	127	102209	9.944 ng	96
34) Hexachlorobutadiene	8.12	225	181380	36.199 ng	99
35) Caprolactam	8.41	113	94976m	37.872 ng	
36) 4-Chloro-3-methylphenol	8.55	107	298964	38.040 ng	100
37) 2-Methylnaphthalene	8.69	142	654874	39.817 ng	99
38) 1-Methylnaphthalene	8.79	142	614625	38.852 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	305524	35.684 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	204523	56.434	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	204361	36.653	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	220903	35.800	ng	99
46) 1,1'-Biphenyl	9.15	154	812837	36.487	ng	98
47) 2-Chloronaphthalene	9.17	162	616768	35.958	ng	97
48) 2-Nitroaniline	9.27	65	194332	36.103	ng	95
49) Acenaphthylene	9.59	152	1000668	36.081	ng	99
50) Dimethylphthalate	9.45	163	808173	40.885	ng	99
51) 2,6-Dinitrotoluene	9.52	165	164104	36.800	ng	90
52) Acenaphthene	9.76	154	574787	36.802	ng	99
53) 3-Nitroaniline	9.68	138	100233	19.931	ng	98
54) 2,4-Dinitrophenol	9.80	184	77461	34.925	ng	94
55) Dibenzofuran	9.93	168	859324	36.599	ng	99
56) 4-Nitrophenol	9.86	139	214987	59.964	ng	98
57) 2,4-Dinitrotoluene	9.92	165	205772	36.285	ng	95
58) Fluorene	10.27	166	681007	37.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	191059	36.616	ng	97
60) Diethylphthalate	10.15	149	719343	37.096	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	339363	38.174	ng	92
62) 4-Nitroaniline	10.29	138	180661	34.892	ng	98
63) Azobenzene	10.42	77	674178	36.934	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	80828	27.127	ng	93
66) n-Nitrosodiphenylamine	10.38	169	620991	37.156	ng	98
67) 4-Bromophenyl-phenylether	10.75	248	218360	36.783	ng	99
68) Hexachlorobenzene	10.82	284	254551	36.941	ng	95
69) Atrazine	10.91	200	200244	37.959	ng	96
70) Pentachlorophenol	11.02	266	188144	52.407	ng	97
71) Phenanthrene	11.23	178	1015232	37.534	ng	99
72) Anthracene	11.28	178	1045303	38.047	ng	100
73) Carbazole	11.43	167	963289	36.744	ng	99
74) Di-n-butylphthalate	11.76	149	1171710	38.542	ng	100
75) Fluoranthene	12.41	202	1114164	36.437	ng	99
77) Benzidine	12.53	184	188795	12.778	ng	98
78) Pyrene	12.64	202	1103948	41.291	ng	100
80) Butylbenzylphthalate	13.26	149	478837	40.639	ng	94
81) Benzo(a)anthracene	13.82	228	792776	35.897	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	150796	17.020	ng	99
83) Chrysene	13.86	228	818995	36.510	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	610191	42.244	ng	99
85) Di-n-octyl phthalate	14.42	149	951055	38.790	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	894910	46.485	ng	99
88) Benzo(b)fluoranthene	14.84	252	822939	37.971	ng	99
89) Benzo(k)fluoranthene	14.87	252	640361	33.646	ng	99
90) Benzo(a)pyrene	15.18	252	707149	36.805	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	748162	45.034	ng	100
92) Benzo(g,h,i)perylene	17.00	276	790134	47.170	ng	99

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

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