

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113503.D
 Acq On : 2 Apr 2019 14:02
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 02:23:48 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	150555	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	562059	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	278803	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	567292	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	388364	20.00	ng	-0.01
87) Perylene-d12	15.23	264	366416	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1086372	117.99	ng	0.00
7) Phenol-d6	6.35	99	1398256	120.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	862353	91.07	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	427760	124.21	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1573620	89.37	ng	-0.01
79) Terphenyl-d14	12.79	244	1682539	95.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	154041	32.974	ng	98
3) Pyridine	3.10	79	401879	34.895	ng	98
4) n-Nitrosodimethylamine	3.03	42	194200	37.931	ng	92
6) Aniline	6.36	93	228227	16.090	ng	# 1
8) 2-Chlorophenol	6.49	128	408093	38.167	ng	98
9) Benzaldehyde	6.24	77	107882	13.802	ng	98
10) Phenol	6.36	94	511422	38.459	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	394021	38.655	ng	100
12) 1,3-Dichlorobenzene	6.63	146	437970	38.000	ng	99
13) 1,4-Dichlorobenzene	6.71	146	444799	39.970	ng	98
14) 1,2-Dichlorobenzene	6.86	146	413396	37.759	ng	99
15) Benzyl Alcohol	6.85	79	322961	42.028	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	613114	40.039	ng	84
17) 2-Methylphenol	6.96	107	332097	39.632	ng	98
18) Hexachloroethane	7.20	117	159107	39.806	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	282034	38.547	ng	99
20) 3+4-Methylphenols	7.12	107	428712	44.451	ng	92
22) Acetophenone	7.10	105	566387	44.187	ng	97
24) Nitrobenzene	7.28	77	428289	43.342	ng	99
25) Isophorone	7.52	82	804565	43.841	ng	100
26) 2-Nitrophenol	7.60	139	231533	44.328	ng	91
27) 2,4-Dimethylphenol	7.65	122	372798	49.617	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	507830	43.942	ng	99
29) 2,4-Dichlorophenol	7.85	162	364426	44.757	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	383026	43.602	ng	97
31) Naphthalene	8.00	128	1199226	43.661	ng	99
32) Benzoic acid	7.75	122	43866	7.253	ng	99
33) 4-Chloroaniline	8.05	127	85927	8.023	ng	98
34) Hexachlorobutadiene	8.12	225	221833	42.487	ng	99
35) Caprolactam	8.42	113	119748m	45.824	ng	
36) 4-Chloro-3-methylphenol	8.55	107	373145	45.564	ng	100
37) 2-Methylnaphthalene	8.69	142	800303	46.697	ng	99
38) 1-Methylnaphthalene	8.79	142	756008	45.862	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	377785	42.213	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	267687	70.665	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	258135	44.293	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	275774	42.758	ng	98
46) 1,1'-Biphenyl	9.15	154	980321	42.100	ng	99
47) 2-Chloronaphthalene	9.17	162	758254	42.293	ng	99
48) 2-Nitroaniline	9.27	65	240789	42.797	ng	97
49) Acenaphthylene	9.59	152	1213909	41.875	ng	100
50) Dimethylphthalate	9.45	163	1043225	50.491	ng	99
51) 2,6-Dinitrotoluene	9.52	165	202621	43.470	ng	99
52) Acenaphthene	9.76	154	699793	42.866	ng	99
53) 3-Nitroaniline	9.68	138	112657	21.432	ng	92
54) 2,4-Dinitrophenol	9.80	184	116080	50.071	ng	# 86
55) Dibenzofuran	9.93	168	1048065	42.704	ng	96
56) 4-Nitrophenol	9.87	139	270737	72.244	ng	97
57) 2,4-Dinitrotoluene	9.93	165	253544	42.773	ng	97
58) Fluorene	10.27	166	821635	43.095	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	232163	42.566	ng	98
60) Diethylphthalate	10.15	149	894906	44.152	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	403077	43.378	ng	95
62) 4-Nitroaniline	10.30	138	227170	41.975	ng	98
63) Azobenzene	10.42	77	821046	43.033	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	107278	34.569	ng	99
66) n-Nitrosodiphenylamine	10.39	169	756878	43.480	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	267969	43.340	ng	95
68) Hexachlorobenzene	10.82	284	311725	43.435	ng	# 93
69) Atrazine	10.92	200	246216	44.812	ng	98
70) Pentachlorophenol	11.02	266	242938	64.971	ng	97
71) Phenanthrene	11.23	178	1215869	43.159	ng	100
72) Anthracene	11.28	178	1267188	44.284	ng	100
73) Carbazole	11.44	167	1188516	43.527	ng	99
74) Di-n-butylphthalate	11.77	149	1423169	44.946	ng	100
75) Fluoranthene	12.41	202	1326673	41.657	ng	99
77) Benzidine	12.53	184	208059	13.990	ng	99
78) Pyrene	12.64	202	1315236	48.871	ng	99
80) Butylbenzylphthalate	13.26	149	576263	48.587	ng	97
81) Benzo(a)anthracene	13.83	228	935037	42.061	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	132896	14.902	ng	99
83) Chrysene	13.86	228	984157	43.585	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	726875	49.992	ng	99
85) Di-n-octyl phthalate	14.42	149	1118575	45.323	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1135451	58.592	ng	98
88) Benzo(b)fluoranthene	14.84	252	956851	42.038	ng	99
89) Benzo(k)fluoranthene	14.87	252	835774	41.812	ng	98
90) Benzo(a)pyrene	15.18	252	892981	44.253	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	941662	53.970	ng	99
92) Benzo(g,h,i)perylene	17.01	276	989249	56.231	ng	100

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

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