

Data File : BF108309.D
Acq On : 20 Aug 2018 23:55
Operator : JU/SJ
Sample : J4501-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Quant Time: Aug 21 00:55:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	168412	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	567772	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	240823	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	438421	20.00	ng	0.00
75) Chrysene-d12	14.22	240	283607	20.00	ng	0.00
86) Perylene-d12	15.78	264	227675	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1221826	131.35	ng	0.03
7) Phenol-d6	6.65	99	1584559	128.19	ng	0.02
23) Nitrobenzene-d5	7.59	82	998635	98.15	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	332988	138.62	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1609431	107.29	ng	0.00
78) Terphenyl-d14	13.15	244	1435489	128.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	146949	30.744	ng	91
3) Pyridine	3.76	79	411837	33.448	ng	86
4) n-Nitrosodimethylamine	3.71	42	252013	36.374	ng	# 84
6) Aniline	6.69	93	547665	32.572	ng	99
8) 2-Chlorophenol	6.81	128	416670	39.771	ng	99
9) Benzaldehyde	6.58	77	253761	26.478	ng	100
10) Phenol	6.67	94	555424	43.439	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	414180	40.067	ng	94
12) 1,3-Dichlorobenzene	6.97	146	466977	38.549	ng	99
13) 1,4-Dichlorobenzene	7.04	146	471719	38.757	ng	96
14) 1,2-Dichlorobenzene	7.20	146	435516	38.469	ng	97
15) Benzyl Alcohol	7.16	79	391727	37.643	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	739257	34.714	ng	98
17) 2-Methylphenol	7.27	107	340738	37.925	ng	95
18) Hexachloroethane	7.53	117	120744	27.866	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	307212	36.752	ng	92
20) 3+4-Methylphenols	7.42	107	436325	37.897	ng	# 86
22) Acetophenone	7.43	105	587280	44.236	ng	# 94
24) Nitrobenzene	7.61	77	441448	42.905	ng	97
25) Isophorone	7.84	82	805414	41.530	ng	99
26) 2-Nitrophenol	7.92	139	121701	31.321	ng	97
27) 2,4-Dimethylphenol	7.95	122	363748	42.260	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	497665	43.957	ng	99
29) 2,4-Dichlorophenol	8.16	162	336231	42.447	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	363921	41.670	ng	99
31) Naphthalene	8.33	128	1107081	42.875	ng	100
32) Benzoic acid	8.01	122	23547	10.102	ng	94
33) 4-Chloroaniline	8.37	127	413579	36.754	ng	98
34) Hexachlorobutadiene	8.44	225	239018	43.232	ng	99
35) Caprolactam	8.74	113	90624	36.508	ng	# 85
36) 4-Chloro-3-methylphenol	8.85	107	329041	38.506	ng	98
37) 2-Methylnaphthalene	9.02	142	725157	39.694	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	354962	47.998	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	38944	8.153	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	220561	48.060	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	228091	45.149	ng	96
45) 1,1'-Biphenyl	9.48	154	854133	48.104	ng	98
46) 2-Chloronaphthalene	9.51	162	640321	45.628	ng	97
47) 2-Nitroaniline	9.61	65	236543	52.094	ng	89
48) Acenaphthylene	9.93	152	974279	43.914	ng	99
49) Dimethylphthalate	9.78	163	926435	55.226	ng #	99
50) 2,6-Dinitrotoluene	9.84	165	131769	37.544	ng	90
51) Acenaphthene	10.10	154	561689	41.335	ng	99
52) 3-Nitroaniline	10.02	138	192451	50.116	ng	93
53) 2,4-Dinitrophenol	10.12	184	2427	8.706	ng #	33
54) Dibenzofuran	10.27	168	843230	42.831	ng	96
55) 4-Nitrophenol	10.18	139	211316	72.669	ng	88
56) 2,4-Dinitrotoluene	10.25	165	156431	34.626	ng #	96
57) Fluorene	10.62	166	652868	41.891	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	175187	41.489	ng #	87
59) Diethylphthalate	10.48	149	727749	44.801	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	343535	42.303	ng	89
61) 4-Nitroaniline	10.64	138	192974	50.828	ng	92
62) Azobenzene	10.77	77	658908	39.277	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	5178	8.153	ng	89
65) n-Nitrosodiphenylamine	10.72	169	602650	46.516	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	212931	44.691	ng #	84
67) Hexachlorobenzene	11.17	284	213912	42.672	ng #	87
68) Atrazine	11.25	200	178892	41.168	ng	95
69) Pentachlorophenol	11.37	266	176441	73.535	ng	99
70) Phenanthrene	11.59	178	906954	43.859	ng	99
71) Anthracene	11.64	178	917039	43.268	ng	100
72) Carbazole	11.79	167	826962	43.916	ng	99
73) Di-n-butylphthalate	12.11	149	1012571	47.474	ng	99
74) Fluoranthene	12.78	202	946254	41.928	ng	96
76) Benzidine	12.90	184	664403	62.702	ng	98
77) Pyrene	13.02	202	923472	51.432	ng	99
79) Butylbenzylphthalate	13.62	149	391385	54.895	ng #	94
80) Benzo(a)anthracene	14.21	228	706951	43.435	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	275035	47.152	ng #	96
82) Chrysene	14.25	228	656682	44.008	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	510612	52.886	ng	100
84) Di-n-octyl phthalate	14.79	149	794236	53.939	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	559700	43.290	ng #	89
87) Benzo(b)fluoranthene	15.31	252	580492	42.669	ng	98
88) Benzo(k)fluoranthene	15.35	252	533973	42.698	ng #	96
89) Benzo(a)pyrene	15.72	252	516745	42.417	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	466735	46.304	ng #	92
91) Benzo(g,h,i)perylene	17.92	276	445504	44.885	ng #	89

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

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