

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101907.D
 Acq On : 4 Jan 2018 22:36
 Operator : SJ/JU
 Sample : J1033-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)MS

Manual Integrations
 APPROVED

Sohil
 1/5/2018 12:29:31 PM

Quant Time: Jan 05 12:21:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164371	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	635762	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	245341	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	353812	20.00	ng	0.00
75) Chrysene-d12	13.96	240	267912	20.00	ng	0.00
86) Perylene-d12	15.43	264	193784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1378386	124.91	ng	0.01
7) Phenol-d6	6.43	99	1548025	112.72	ng	0.01
23) Nitrobenzene-d5	7.35	82	1000415	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	217109	91.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1056312	66.79	ng	0.00
78) Terphenyl-d14	12.88	244	867365	78.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	199498	35.185	ng	98
3) Pyridine	3.31	79	483532m	30.694	ng	
4) n-Nitrosodimethylamine	3.27	42	272763	37.605	ng	96
6) Aniline	6.45	93	285025	14.935	ng	# 37
8) 2-Chlorophenol	6.57	128	434479	37.430	ng	99
9) Benzaldehyde	6.35	77	138720	13.677	ng	95
10) Phenol	6.45	94	592968	37.883	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	462752	37.690	ng	95
12) 1,3-Dichlorobenzene	6.71	146	474425	36.213	ng	96
13) 1,4-Dichlorobenzene	6.79	146	482198	36.043	ng	99
14) 1,2-Dichlorobenzene	6.94	146	419599	34.844	ng	99
15) Benzyl Alcohol	6.93	79	351444	37.180	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	766932	40.815	ng	84
17) 2-Methylphenol	7.05	107	375177	35.137	ng	# 88
18) Hexachloroethane	7.27	117	142697	30.679	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	327408	36.303	ng	90
20) 3+4-Methylphenols	7.21	107	522593	46.187	ng	99
22) Acetophenone	7.19	105	626189	43.166	ng	# 96
24) Nitrobenzene	7.37	77	508436	40.224	ng	96
25) Isophorone	7.60	82	935057	40.812	ng	97
26) 2-Nitrophenol	7.68	139	215465	39.677	ng	91
27) 2,4-Dimethylphenol	7.72	122	390731	42.353	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	573719	39.421	ng	99
29) 2,4-Dichlorophenol	7.94	162	367840	40.358	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	344536	35.820	ng	94
31) Naphthalene	8.07	128	1167433	36.475	ng	99
32) Benzoic acid	7.90	122	5041m	8.637	ng	
33) 4-Chloroaniline	8.15	127	136237	9.793	ng	95
34) Hexachlorobutadiene	8.18	225	199361	35.836	ng	100
35) Caprolactam	8.53	113	113322	35.806	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	371938	37.128	ng	97
37) 2-Methylnaphthalene	8.77	142	737619	35.373	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	340544	41.112	ng	97
40) Hexachlorocyclopentadiene	8.82	237	550m	11.761	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	213398	42.793	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	186731	34.198	nq	97
45) 1,1'-Biphenyl	9.23	154	872911	40.119	nq	99
46) 2-Chloronaphthalene	9.26	162	636461	38.230	nq	97
47) 2-Nitroaniline	9.37	65	252711	43.940	nq	86
48) Acenaphthylene	9.67	152	918482	34.929	nq	99
49) Dimethylphthalate	9.53	163	939857	47.626	nq	99
50) 2,6-Dinitrotoluene	9.62	165	149229	37.206	nq #	84
51) Acenaphthene	9.85	154	555585	35.167	nq	99
52) 3-Nitroaniline	9.79	138	149472	29.891	nq	98
54) Dibenzofuran	10.02	168	796721	39.683	nq	94
55) 4-Nitrophenol	9.99	139	66087m	30.309	nq	
56) 2,4-Dinitrotoluene	10.03	165	188612	41.738	nq #	85
57) Fluorene	10.36	166	608172	35.808	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	140056	35.702	nq	94
59) Diethylphthalate	10.23	149	733193	37.518	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	303129	37.240	nq	94
61) 4-Nitroaniline	10.42	138	147837	29.413	nq	97
62) Azobenzene	10.51	77	707338	34.940	nq	96
65) n-Nitrosodiphenylamine	10.47	169	552206	42.268	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	170853	42.976	nq	94
67) Hexachlorobenzene	10.92	284	157738	37.489	nq	95
68) Atrazine	11.00	200	165559	42.501	nq	99
69) Pentachlorophenol	11.13	266	97482	61.251	nq	98
70) Phenanthrene	11.33	178	900024	45.742	nq	99
71) Anthracene	11.38	178	793172	39.464	nq	99
72) Carbazole	11.54	167	664615	35.319	nq	100
73) Di-n-butylphthalate	11.84	149	959720	42.021	nq	99
74) Fluoranthene	12.52	202	962942	46.625	nq	100
76) Benzidine	12.65	184	277817	24.552	nq	97
77) Pyrene	12.76	202	963474	47.918	nq	99
79) Butylbenzylphthalate	13.34	149	362317	39.825	nq	92
80) Benzo(a)anthracene	13.95	228	808525	45.704	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	180078	31.218	nq	98
82) Chrysene	13.99	228	745747	44.647	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	561700	48.744	nq	98
84) Di-n-octyl phthalate	14.51	149	905973	44.084	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	442807	29.770	nq	97
87) Benzo(b)fluoranthene	15.00	252	637688	53.988	nq	98
88) Benzo(k)fluoranthene	15.03	252	501208	43.644	nq	98
89) Benzo(a)pyrene	15.37	252	508448	46.696	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	341835	36.565	nq	99
91) Benzo(g,h,i)perylene	17.36	276	379040	40.945	nq	96

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

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