

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093255.D
 Acq On : 28 Feb 2017 18:19
 Operator : SJ/MA
 Sample : I2017-08MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:06:16 PM

Quant Time: Mar 01 02:31:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144181	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	550693	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	218891	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	341245	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	294250	20.00	ng	-0.03
86) Perylene-d12	15.41	264	218659	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	982252	116.88	ng	-0.03
7) Phenol-d6	6.48	99	1292209	119.50	ng	-0.01
23) Nitrobenzene-d5	7.38	82	755054	76.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	181132	114.41	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1087334	89.99	ng	-0.05
78) Terphenyl-d14	12.92	244	782406	62.48	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	144452	31.81	ng	# 84
3) Pyridine	3.08	79	452682	39.20	ng	# 82
4) n-Nitrosodimethylamine	3.04	42	214676	39.59	ng	86
6) Aniline	6.48	93	254887	17.28	ng	# 88
8) 2-Chlorophenol	6.60	128	373537	40.29	ng	96
9) Benzaldehyde	6.36	77	116350	15.02	ng	98
10) Phenol	6.49	94	604195	47.76	ng	# 71
11) bis(2-Chloroethyl)ether	6.56	93	397858	39.40	ng	97
12) 1,3-Dichlorobenzene	6.75	146	403569m	37.16	ng	
13) 1,4-Dichlorobenzene	6.83	146	427836	38.93	ng	95
14) 1,2-Dichlorobenzene	6.98	146	369790	35.19	ng	98
15) Benzyl Alcohol	6.97	79	309420	38.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	614683	35.04	ng	67
17) 2-Methylphenol	7.09	107	291866	36.69	ng	# 88
18) Hexachloroethane	7.32	117	111860	29.81	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	262917	38.20	ng	93
20) 3+4-Methylphenols	7.24	107	416806	43.83	ng	# 71
22) Acetophenone	7.23	105	523735	41.65	ng	# 92
24) Nitrobenzene	7.40	77	417230	41.09	ng	96
25) Isophorone	7.64	82	737517	40.02	ng	99
26) 2-Nitrophenol	7.72	139	168715	34.95	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	342156	40.36	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	419087	34.34	ng	98
29) 2,4-Dichlorophenol	7.97	162	287161	36.32	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	306559	35.98	ng	97
31) Naphthalene	8.12	128	1043251	37.37	ng	99
32) Benzoic acid	7.86	122	17134	10.20	ng	95
33) 4-Chloroaniline	8.18	127	160248	14.64	ng	97
34) Hexachlorobutadiene	8.24	225	156047	33.29	ng	98
35) Caprolactam	8.54	113	90077	36.22	ng	# 45
36) 4-Chloro-3-methylphenol	8.67	107	289297	35.10	ng	99
37) 2-Methylnaphthalene	8.81	142	589621	32.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	272800	44.40	ng	98
42) 2,4,6-Trichlorophenol	9.09	196	175759	43.53	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	171516	38.77	ng	# 84
45) 1,1'-Biphenyl	9.28	154	729327	46.01	ng	100
46) 2-Chloronaphthalene	9.30	162	564297	45.51	ng	98
47) 2-Nitroaniline	9.40	65	197163	47.29	ng	99
48) Acenaphthylene	9.71	152	1065636	49.75	ng	99
49) Dimethylphthalate	9.57	163	720696	48.88	ng	100
50) 2,6-Dinitrotoluene	9.64	165	122202	38.38	ng	# 77
51) Acenaphthene	9.88	154	490833	38.33	ng	97
52) 3-Nitroaniline	9.81	138	130764	35.89	ng	96
53) 2,4-Dinitrophenol	9.95	184	222	4.86	ng	# 1
54) Dibenzofuran	10.05	168	699927	40.86	ng	96
55) 4-Nitrophenol	10.00	139	155736	59.34	ng	92
56) 2,4-Dinitrotoluene	10.05	165	145426	34.31	ng	# 89
57) Fluorene	10.40	166	561905	42.64	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125017	42.36	ng	96
59) Diethylphthalate	10.27	149	574707	41.36	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	228567	36.10	ng	97
61) 4-Nitroaniline	10.43	138	142825	38.27	ng	81
62) Azobenzene	10.54	77	610694	42.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	2046	3.60	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	488620	44.82	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	137547	38.58	ng	97
67) Hexachlorobenzene	10.94	284	121653	34.53	ng	# 78
68) Atrazine	11.04	200	120541	34.46	ng	97
69) Pentachlorophenol	11.15	266	112942	63.71	ng	97
70) Phenanthrene	11.37	178	1609606	82.33	ng	98
71) Anthracene	11.41	178	985586	50.20	ng	99
72) Carbazole	11.57	167	781863	41.66	ng	98
73) Di-n-butylphthalate	11.89	149	809384	39.88	ng	98
74) Fluoranthene	12.56	202	2057940	102.05	ng	98
77) Pyrene	12.79	202	1897433	86.17	ng	99
79) Butylbenzylphthalate	13.39	149	334897	37.45	ng	97
80) Benzo(a)anthracene	13.97	228	1309335m	72.75	ng	
81) 3,3'-Dichlorobenzidine	13.93	252	106232	16.56	ng	97
82) Chrysene	14.01	228	1173534m	69.65	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	509612	41.67	ng	# 98
84) Di-n-octyl phthalate	14.57	149	813585	40.85	ng	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	755020	57.85	ng	96
87) Benzo(b)fluoranthene	15.01	252	1584031m	110.06	ng	
88) Benzo(k)fluoranthene	15.04	252	480777m	38.69	ng	
89) Benzo(a)pyrene	15.36	252	897738	72.11	ng	99
90) Dibenzo(a,h)anthracene	16.82	278	401199	39.87	ng	97
91) Benzo(g,h,i)perylene	17.24	276	698370	68.71	ng	# 93

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

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