

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110969.D
 Acq On : 26 Nov 2018 17:48
 Operator : JU/SJ
 Sample : J6030-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:47:43 AM

Quant Time: Nov 27 10:44:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65998	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	267601	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	133408	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	214243	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126703	20.00	ng	0.00
87) Perylene-d12	15.66	264	127233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	247137	62.10	ng	0.02
7) Phenol-d6	6.59	99	201460	38.84	ng	0.02
23) Nitrobenzene-d5	7.51	82	367707	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	140518	106.06	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	676104	73.42	ng	0.00
79) Terphenyl-d14	13.06	244	506477	77.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	20697	10.855	ng	89
3) Pyridine	3.69	79	21488m	5.147	ng	
4) n-Nitrosodimethylamine	3.55	42	27090	14.180	ng	# 80
6) Aniline	6.62	93	70399	10.980	ng	89
8) 2-Chlorophenol	6.75	128	169235	35.881	ng	98
9) Benzaldehyde	6.50	77	67096	21.083	ng	99
10) Phenol	6.60	94	142453	24.389	ng	# 72
11) bis(2-Chloroethyl)ether	6.67	93	178046	40.462	ng	94
12) 1,3-Dichlorobenzene	6.87	146	181809	35.088	ng	98
13) 1,4-Dichlorobenzene	6.96	146	185654	34.842	ng	99
14) 1,2-Dichlorobenzene	7.11	146	161578m	32.219	ng	
15) Benzyl Alcohol	7.10	79	118186	29.652	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.20	45	258447	36.905	ng	68
17) 2-Methylphenol	7.20	107	129288	34.476	ng	91
18) Hexachloroethane	7.44	117	69638	35.529	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	138088	40.874	ng	95
20) 3+4-Methylphenols	7.36	107	218961	43.923	ng	# 80
22) Acetophenone	7.36	105	491159	78.303	ng	# 93
24) Nitrobenzene	7.53	77	199146	40.956	ng	98
25) Isophorone	7.77	82	370646	48.324	ng	97
26) 2-Nitrophenol	7.85	139	103134	43.657	ng	97
27) 2,4-Dimethylphenol	7.88	122	181548	50.889	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	243357	47.360	ng	# 90
29) 2,4-Dichlorophenol	8.10	162	153012	40.987	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	165245	39.497	ng	95
31) Naphthalene	8.26	128	3665853	292.242	ng	98
32) Benzoic acid	8.02	122	144755	54.575	ng	# 64
33) 4-Chloroaniline	8.33	127	16742	3.136	ng	# 5
34) Hexachlorobutadiene	8.35	225	88297	37.054	ng	99
35) Caprolactam	8.70	113	2933	2.301	ng	# 29
36) 4-Chloro-3-methylphenol	8.78	107	158763	38.275	ng	97
37) 2-Methylnaphthalene	8.94	142	469649	56.684	ng	99
38) 1-Methylnaphthalene	9.04	142	444931m	55.209	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	158992	37.885	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	2751	17.597	nq	90
43) 2,4,6-Trichlorophenol	9.22	196	110707	44.169	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	114491	43.381	nq	92
46) 1,1'-Biphenyl	9.40	154	490379	39.870	nq	99
47) 2-Chloronaphthalene	9.43	162	350651	39.320	nq	98
48) 2-Nitroaniline	9.54	65	110505	39.617	nq	97
49) Acenaphthylene	9.85	152	514444	40.568	nq	98
50) Dimethylphthalate	9.70	163	415935	42.511	nq	98
51) 2,6-Dinitrotoluene	9.77	165	89082	40.898	nq #	88
52) Acenaphthene	10.02	154	333742	41.054	nq	98
53) 3-Nitroaniline	9.96	138	14770	5.818	nq #	93
54) 2,4-Dinitrophenol	10.07	184	60576	78.774	nq	94
55) Dibenzofuran	10.19	168	538775	45.429	nq	98
56) 4-Nitrophenol	10.14	139	44441	34.060	nq #	85
57) 2,4-Dinitrotoluene	10.19	165	111490	39.452	nq #	89
58) Fluorene	10.54	166	443289	48.042	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	95309	44.004	nq #	90
60) Diethylphthalate	10.40	149	401855	39.828	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	184506	38.229	nq	97
62) 4-Nitroaniline	10.57	138	51145	21.637	nq	99
63) Azobenzene	10.68	77	347687	35.354	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	41099	40.554	nq	86
66) n-Nitrosodiphenylamine	10.64	169	324680	45.524	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	106308	45.561	nq #	90
68) Hexachlorobenzene	11.09	284	109863	44.206	nq #	94
69) Atrazine	11.18	200	23437	9.891	nq	99
70) Pentachlorophenol	11.29	266	107555	108.777	nq	98
71) Phenanthrene	11.50	178	702047	61.871	nq	100
72) Anthracene	11.56	178	537672	46.529	nq	99
73) Carbazole	11.72	167	416828	37.163	nq	100
74) Di-n-butylphthalate	12.02	149	578063	44.080	nq	99
75) Fluoranthene	12.70	202	457786	39.254	nq	99
78) Pyrene	12.93	202	438774	47.414	nq	98
80) Butylbenzylphthalate	13.52	149	188930	45.220	nq	99
81) Benzo(a)anthracene	14.12	228	337294	45.090	nq	100
82) 3,3'-Dichlorobenzidine	14.09	252	2811	1.096	nq #	82
83) Chrysene	14.16	228	325631	44.221	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	263998	47.421	nq	98
85) Di-n-octyl phthalate	14.69	149	424096	48.259	nq #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	347110	65.669	nq	98
88) Benzo(b)fluoranthene	15.21	252	319729	42.776	nq	99
89) Benzo(k)fluoranthene	15.24	252	321358	41.771	nq	99
90) Benzo(a)pyrene	15.60	252	319074	45.861	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	291334	50.751	nq	99
92) Benzo(g,h,i)perylene	17.73	276	273311	49.380	nq	98

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

