

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106790.D
 Acq On : 25 Jun 2018 23:40
 Operator : JU/SJ
 Sample : J3626-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1MS

Manual Integrations
 APPROVED

Sohil
 6/27/2018 10:55:51 AM

Quant Time: Jun 26 04:54:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51591	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	181095	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	80185	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	144441	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122601	20.00	ng	-0.01
86) Perylene-d12	15.69	264	92138	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264318	86.75	ng	0.00
7) Phenol-d6	6.61	99	370130	97.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	237740	72.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	76387	82.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	413692	87.81	ng	0.00
78) Terphenyl-d14	13.08	244	441785	87.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	42924	27.403	ng	98
3) Pyridine	3.64	79	124588	29.328	ng	95
4) n-Nitrosodimethylamine	3.60	42	50958	28.243	ng	87
6) Aniline	6.63	93	113958	22.080	ng	# 83
8) 2-Chlorophenol	6.76	128	106042	31.733	ng	94
9) Benzaldehyde	6.52	77	54154	18.026	ng	93
10) Phenol	6.62	94	144754	33.337	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	117102	32.667	ng	99
12) 1,3-Dichlorobenzene	6.91	146	134046	34.249	ng	97
13) 1,4-Dichlorobenzene	6.98	146	134613	34.019	ng	97
14) 1,2-Dichlorobenzene	7.14	146	125594	34.633	ng	96
15) Benzyl Alcohol	7.11	79	99033	32.416	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	159895	33.997	ng	69
17) 2-Methylphenol	7.22	107	95614	33.434	ng	# 91
18) Hexachloroethane	7.47	117	34258	24.619	ng	# 82
19) n-Nitroso-di-n-propylamine	7.37	70	74632	29.758	ng	94
20) 3+4-Methylphenols	7.38	107	117956	36.178	ng	# 84
22) Acetophenone	7.37	105	150142	37.058	ng	# 97
24) Nitrobenzene	7.55	77	116896	35.136	ng	99
25) Isophorone	7.78	82	211439	36.822	ng	99
26) 2-Nitrophenol	7.86	139	40990	26.099	ng	99
27) 2,4-Dimethylphenol	7.90	122	100458	41.383	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	138863	36.017	ng	98
29) 2,4-Dichlorophenol	8.11	162	87460	34.413	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	110408	39.435	ng	95
31) Naphthalene	8.27	128	368928	43.574	ng	99
33) 4-Chloroaniline	8.32	127	85280	24.005	ng	98
34) Hexachlorobutadiene	8.38	225	73284	40.171	ng	99
35) Caprolactam	8.67	113	27583	33.295	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	93484	34.947	ng	98
37) 2-Methylnaphthalene	8.96	142	270668	48.231	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	111522	41.299	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	3078	2.215	ng	98
42) 2,4,6-Trichlorophenol	9.24	196	26152	14.569	ng	94

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43) 2,4,5-Trichlorophenol	9.29	196	46266	24.701	nq	90
45) 1,1'-Biphenyl	9.42	154	276902	43.331	nq	98
46) 2-Chloronaphthalene	9.45	162	180268	35.838	nq	94
47) 2-Nitroaniline	9.55	65	58786	34.754	nq	97
48) Acenaphthylene	9.87	152	285244	35.918	nq	100
49) Dimethylphthalate	9.72	163	262166	43.593	nq	99
50) 2,6-Dinitrotoluene	9.79	165	42907	33.693	nq	86
51) Acenaphthene	10.04	154	283241	56.638	nq	98
52) 3-Nitroaniline	9.97	138	50708	34.603	nq	91
54) Dibenzofuran	10.21	168	397976	58.118	nq	96
55) 4-Nitrophenol	10.14	139	10348	10.116	nq	97
56) 2,4-Dinitrotoluene	10.20	165	49639	29.863	nq #	86
57) Fluorene	10.56	166	313182	57.635	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	13824	9.285	nq #	60
59) Diethylphthalate	10.41	149	196442	33.843	nq #	94
60) 4-Chlorophenyl-phenylether	10.54	204	102410	36.020	nq #	85
61) 4-Nitroaniline	10.58	138	53451	36.752	nq	94
62) Azobenzene	10.70	77	171939	30.080	nq	92
65) n-Nitrosodiphenylamine	10.66	169	168556	34.694	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	67033	38.886	nq #	77
67) Hexachlorobenzene	11.11	284	67269	37.284	nq #	83
68) Atrazine	11.19	200	57640	37.320	nq	95
69) Pentachlorophenol	11.31	266	3215	3.571	nq	92
70) Phenanthrene	11.54	178	944443	135.566	nq	98
71) Anthracene	11.58	178	404291	56.855	nq	100
72) Carbazole	11.73	167	293321	44.058	nq	98
73) Di-n-butylphthalate	12.04	149	283482	36.144	nq	99
74) Fluoranthene	12.72	202	865028	112.653	nq	96
76) Benzidine	12.84	184	164580	47.135	nq	98
77) Pyrene	12.96	202	718813	88.910	nq	99
79) Butylbenzylphthalate	13.55	149	119299	35.890	nq #	98
80) Benzo(a)anthracene	14.15	228	389982	52.191	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	89434	34.055	nq #	95
82) Chrysene	14.18	228	358467	52.146	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	158307	37.252	nq	98
84) Di-n-octyl phthalate	14.74	149	273498	39.482	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	208799	35.791	nq #	89
87) Benzo(b)fluoranthene	15.24	252	269920m	47.159	nq	
88) Benzo(k)fluoranthene	15.27	252	215955m	39.621	nq	
89) Benzo(a)pyrene	15.63	252	218473	42.938	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	162726	37.737	nq #	93
91) Benzo(g,h,i)perylene	17.75	276	174417	41.383	nq #	90

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

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