

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089488.D
 Acq On : 1 Aug 2016 00:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil

8/1/2016 7:17:16 PM

Quant Time: Aug 01 06:52:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	33024	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	117817	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	44164	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	92259	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	85316	20.00	ng	0.00
86) Perylene-d12	14.95	264	68645	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	180439	87.24	ng	-0.01
7) Phenol-d6	6.16	99	212804	77.86	ng	-0.01
23) Nitrobenzene-d5	7.07	82	184639	92.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	29506	80.67	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	268926	89.36	ng	-0.01
78) Terphenyl-d14	12.58	244	270539	74.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.85	88	45728	49.65	ng	94
3) Pyridine	2.44	79	104665	51.72	ng	99
4) n-Nitrosodimethylamine	2.42	42	37123	45.11	ng	99
6) Aniline	6.16	93	130596	44.25	ng	89
8) 2-Chlorophenol	6.28	128	90236	38.57	ng	97
9) Benzaldehyde	6.03	77	42383	31.76	ng	94
10) Phenol	6.17	94	127540	42.29	ng	90
11) bis(2-Chloroethyl)ether	6.24	93	99158	38.69	ng	91
12) 1,3-Dichlorobenzene	6.43	146	97149m	39.70	ng	
13) 1,4-Dichlorobenzene	6.51	146	107513	39.81	ng	95
14) 1,2-Dichlorobenzene	6.66	146	106688	42.17	ng	94
15) Benzyl Alcohol	6.65	79	68066	40.13	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	104245	37.29	ng	96
17) 2-Methylphenol	6.79	107	59730	33.03	ng	# 91
18) Hexachloroethane	7.00	117	32530	31.42	ng	# 86
19) n-Nitroso-di-n-propylamine	6.92	70	64952	39.41	ng	# 90
20) 3+4-Methylphenols	6.95	107	82332	35.46	ng	# 84
22) Acetophenone	6.91	105	130948	46.69	ng	# 91
24) Nitrobenzene	7.08	77	91177	40.13	ng	89
25) Isophorone	7.32	82	150424	37.41	ng	95
26) 2-Nitrophenol	7.40	139	37423	36.85	ng	# 81
27) 2,4-Dimethylphenol	7.46	122	72978	45.10	ng	98
28) bis(2-Chloroethoxy)methane	7.55	93	108307	48.66	ng	98
29) 2,4-Dichlorophenol	7.66	162	64352	43.65	ng	98
30) 1,2,4-Trichlorobenzene	7.72	180	69945	41.58	ng	96
31) Naphthalene	7.80	128	237023	40.63	ng	99
32) Benzoic acid	7.61	122	48350	42.88	ng	98
33) 4-Chloroaniline	7.87	127	90092	40.56	ng	99
34) Hexachlorobutadiene	7.93	225	41047	42.60	ng	98
35) Caprolactam	8.23	113	16587	37.27	ng	90
36) 4-Chloro-3-methylphenol	8.36	107	70188	40.05	ng	99
37) 2-Methylnaphthalene	8.49	142	136474	38.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	73475	47.54	ng	99
40) Hexachlorocyclopentadiene	8.65	237	387	9.70	ng	94

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42) 2,4,6-Trichlorophenol	8.79	196	33614	45.75	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	39763	42.72	nq	97
45) 1,1'-Biphenyl	8.96	154	178348	47.43	nq	96
46) 2-Chloronaphthalene	8.98	162	123543	43.75	nq	92
47) 2-Nitroaniline	9.08	65	44514	53.23	nq	# 75
48) Acenaphthylene	9.38	152	196346	44.14	nq	100
49) Dimethylphthalate	9.27	163	145209	43.20	nq	100
50) 2,6-Dinitrotoluene	9.32	165	25248	36.56	nq	# 60
51) Acenaphthene	9.55	154	109888	42.30	nq	100
52) 3-Nitroaniline	9.50	138	38788	53.22	nq	# 80
54) Dibenzofuran	9.72	168	146335	41.34	nq	94
55) 4-Nitrophenol	9.70	139	12417m	38.46	nq	
56) 2,4-Dinitrotoluene	9.74	165	33210	36.53	nq	# 75
57) Fluorene	10.07	166	129957	42.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	25594	41.19	nq	96
59) Diethylphthalate	9.96	149	145166	42.60	nq	96
60) 4-Chlorophenyl-phenylether	10.07	204	59778	42.18	nq	# 84
61) 4-Nitroaniline	10.11	138	39362	52.40	nq	89
62) Azobenzene	10.23	77	140425	40.02	nq	90
64) 4,6-Dinitro-2-methylphenol	10.15	198	1852	7.36	nq	# 59
65) n-Nitrosodiphenylamine	10.19	169	107613	37.38	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	30912	35.09	nq	# 68
67) Hexachlorobenzene	10.62	284	36163	40.06	nq	# 79
68) Atrazine	10.72	200	27912	31.56	nq	97
69) Pentachlorophenol	10.82	266	17051	42.10	nq	97
70) Phenanthrene	11.02	178	185030	38.89	nq	99
71) Anthracene	11.07	178	210293	39.75	nq	99
72) Carbazole	11.23	167	188786	42.39	nq	98
73) Di-n-butylphthalate	11.58	149	228661	38.27	nq	99
74) Fluoranthene	12.19	202	227784	45.51	nq	95
76) Benzidine	12.34	184	121577	38.57	nq	96
77) Pyrene	12.42	202	250474	38.74	nq	99
79) Butylbenzylphthalate	13.06	149	111246	37.84	nq	87
80) Benzo(a)anthracene	13.61	228	201034	41.75	nq	99
81) 3,3'-Dichlorobenzidine	13.58	252	81534	47.06	nq	# 95
82) Chrysene	13.65	228	212548	41.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	165091	38.85	nq	# 98
84) Di-n-octyl phthalate	14.23	149	293367	44.24	nq	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	130880	35.92	nq	98
87) Benzo(b)fluoranthene	14.61	252	179310m	42.06	nq	
88) Benzo(k)fluoranthene	14.63	252	155667m	39.72	nq	
89) Benzo(a)pyrene	14.90	252	152219	39.80	nq	# 93
90) Dibenzo(a,h)anthracene	16.13	278	115696	38.41	nq	99
91) Benzo(g,h,i)perylene	16.47	276	110894	37.45	nq	98

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

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