

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086451.D
 Acq On : 28 Apr 2016 4:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:40:19 PM

Quant Time: Apr 28 05:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171544	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	668533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	377896	20.00	ng	0.00
75) Chrysene-d12	13.96	240	391070	20.00	ng	0.00
86) Perylene-d12	15.37	264	308893	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	869579	87.44	ng	0.01
7) Phenol-d6	6.45	99	1111390	80.07	ng	0.01
23) Nitrobenzene-d5	7.38	82	979311	78.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	172708	67.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1301715	95.90	ng	0.00
78) Terphenyl-d14	12.91	244	1051301	59.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	208325	39.88	ng	# 76
3) Pyridine	3.06	79	467953	37.85	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	326429	46.32	ng	# 57
6) Aniline	6.48	93	683612	40.70	ng	90
8) 2-Chlorophenol	6.59	128	453301	36.59	ng	85
9) Benzaldehyde	6.35	77	314237	38.91	ng	98
10) Phenol	6.46	94	649604	41.95	ng	# 62
11) bis(2-Chloroethyl)ether	6.54	93	498072	37.20	ng	85
12) 1,3-Dichlorobenzene	6.75	146	518423	38.91	ng	97
13) 1,4-Dichlorobenzene	6.83	146	530754	38.61	ng	99
14) 1,2-Dichlorobenzene	6.98	146	459304	36.43	ng	97
15) Benzyl Alcohol	6.96	79	368948	42.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1040552	38.83	ng	88
17) 2-Methylphenol	7.07	107	374468	37.40	ng	94
18) Hexachloroethane	7.32	117	158811	30.91	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	316661	34.51	ng	# 70
20) 3+4-Methylphenols	7.23	107	444399	38.88	ng	# 86
22) Acetophenone	7.22	105	614057	41.89	ng	# 88
24) Nitrobenzene	7.40	77	529110	41.47	ng	# 87
25) Isophorone	7.64	82	921612	38.61	ng	# 93
26) 2-Nitrophenol	7.71	139	136104	23.17	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	407056	39.49	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	511121	39.30	ng	98
29) 2,4-Dichlorophenol	7.96	162	308287	35.45	ng	92
30) 1,2,4-Trichlorobenzene	8.04	180	394035	39.06	ng	97
31) Naphthalene	8.12	128	1266984	37.24	ng	100
32) Benzoic acid	7.86	122	125801	25.25	ng	# 85
33) 4-Chloroaniline	8.17	127	488338	38.33	ng	# 92
34) Hexachlorobutadiene	8.24	225	217364	38.43	ng	99
35) Caprolactam	8.54	113	96418	33.23	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	302903	30.42	ng	89
37) 2-Methylnaphthalene	8.81	142	694982	34.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	306752	43.91	ng	98
40) Hexachlorocyclopentadiene	8.96	237	9738	2.81	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	161066	36.48	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	174756	36.31	nq #	93
45) 1,1'-Biphenyl	9.28	154	897205	43.99	nq	99
46) 2-Chloronaphthalene	9.30	162	664702	42.86	nq	99
47) 2-Nitroaniline	9.39	65	217828	43.80	nq #	78
48) Acenaphthylene	9.71	152	949471	39.17	nq	99
49) Dimethylphthalate	9.57	163	742108	40.39	nq	100
50) 2,6-Dinitrotoluene	9.63	165	127167	33.51	nq #	71
51) Acenaphthene	9.88	154	577967	37.12	nq	99
52) 3-Nitroaniline	9.80	138	173987	40.31	nq	87
53) 2,4-Dinitrophenol	9.92	184	220m	7.93	nq	
54) Dibenzofuran	10.05	168	730015	37.51	nq	99
55) 4-Nitrophenol	9.96	139	80245	28.39	nq #	65
56) 2,4-Dinitrotoluene	10.04	165	151806	31.38	nq #	82
57) Fluorene	10.40	166	579783	34.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124664	33.13	nq	97
59) Diethylphthalate	10.27	149	664559	38.21	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	266869	34.79	nq	97
61) 4-Nitroaniline	10.42	138	162243	38.45	nq	91
62) Azobenzene	10.54	77	667342	35.03	nq	89
65) n-Nitrosodiphenylamine	10.51	169	488142	41.33	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	152219m	39.09	nq	
67) Hexachlorobenzene	10.94	284	175000	38.83	nq	100
68) Atrazine	11.04	200	116798	32.93	nq	95
69) Pentachlorophenol	11.14	266	77153	32.47	nq	96
70) Phenanthrene	11.36	178	776830	39.17	nq	99
71) Anthracene	11.40	178	833871	39.40	nq	100
72) Carbazole	11.56	167	753510	40.17	nq	99
73) Di-n-butylphthalate	11.89	149	885957	41.69	nq	99
74) Fluoranthene	12.53	202	860430	42.98	nq	99
76) Benzidine	12.67	184	423919	31.54	nq	95
77) Pyrene	12.76	202	882677	31.32	nq	100
79) Butylbenzylphthalate	13.39	149	452817	37.10	nq	91
80) Benzo(a)anthracene	13.95	228	798885	38.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	567748	40.73	nq	98
82) Chrysene	13.99	228	846078	37.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	575863	38.01	nq	98
84) Di-n-octyl phthalate	14.56	149	1089961	45.94	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.73	276	596126	35.50	nq	98
87) Benzo(b)fluoranthene	14.97	252	910259m	50.09	nq	
88) Benzo(k)fluoranthene	15.00	252	610120m	32.19	nq	
89) Benzo(a)pyrene	15.31	252	652294	38.02	nq #	97
90) Dibenzo(a,h)anthracene	16.75	278	509021	36.26	nq	97
91) Benzo(g,h,i)perylene	17.14	276	476434	33.86	nq	94

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

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