

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089705.D
 Acq On : 10 Aug 2016 20:10
 Operator : UM/SJ
 Sample : H4386-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Manual Integrations
 APPROVED

sohil
 8/11/2016 5:51:59 PM

Quant Time: Aug 11 01:59:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 01:52:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	45989	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	202964	20.00	ng	-0.01
38) Acenaphthene-d10	12.25	164	96940	20.00	ng	-0.01
63) Phenanthrene-d10	14.65	188	184991	20.00	ng	0.00
75) Chrysene-d12	18.37	240	141084	20.00	ng	0.00
86) Perylene-d12	20.02	264	111298	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	345358	125.86	ng	0.02
7) Phenol-d6	6.97	99	498143	133.83	ng	0.00
23) Nitrobenzene-d5	8.32	82	316895	86.36	ng	-0.01
41) 2,4,6-Tribromophenol	13.55	330	93083	116.36	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	558348	74.86	ng	-0.01
78) Terphenyl-d14	17.02	244	488576	68.36	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	49966	31.77	ng	# 79
3) Pyridine	2.32	79	125723	43.50	ng	98
4) n-Nitrosodimethylamine	2.31	42	52468	42.37	ng	98
6) Aniline	6.90	93	127951	26.53	ng	96
8) 2-Chlorophenol	7.08	128	149213	44.29	ng	99
9) Benzaldehyde	6.72	77	38135	28.24	ng	94
10) Phenol	6.98	94	185797	48.62	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	146915	44.75	ng	99
12) 1,3-Dichlorobenzene	7.30	146	143529	39.23	ng	97
13) 1,4-Dichlorobenzene	7.43	146	145537	39.88	ng	97
14) 1,2-Dichlorobenzene	7.66	146	149764	38.94	ng	99
15) Benzyl Alcohol	7.70	79	122284	50.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.91	45	175137	41.89	ng	# 53
17) 2-Methylphenol	7.93	107	121538	49.96	ng	# 90
18) Hexachloroethane	8.18	117	58056	37.75	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	118604	44.11	ng	99
20) 3+4-Methylphenols	8.18	107	153493	49.98	ng	99
22) Acetophenone	8.09	105	179654	37.13	ng	98
24) Nitrobenzene	8.35	77	154804	44.42	ng	94
25) Isophorone	8.74	82	306761	43.66	ng	99
26) 2-Nitrophenol	8.86	139	66425	41.53	ng	92
27) 2,4-Dimethylphenol	9.00	122	130806	45.49	ng	97
28) bis(2-Chloroethoxy)methane	9.13	93	185195	43.57	ng	99
29) 2,4-Dichlorophenol	9.28	162	113534	41.73	ng	98
30) 1,2,4-Trichlorobenzene	9.36	180	125985	40.54	ng	99
31) Naphthalene	9.46	128	430209	39.88	ng	100
33) 4-Chloroaniline	9.61	127	102518	25.30	ng	97
34) Hexachlorobutadiene	9.69	225	65500	36.60	ng	97
35) Caprolactam	10.22	113	37800	47.67	ng	94
36) 4-Chloro-3-methylphenol	10.48	107	142201	44.96	ng	94
37) 2-Methylnaphthalene	10.59	142	282831	42.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	108812	29.86	ng	99
40) Hexachlorocyclopentadiene	10.84	237	77896	63.84	ng	98
42) 2,4,6-Trichlorophenol	11.10	196	55601	30.94	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.18	196	75398	39.26	ng	# 91
45) 1,1'-Biphenyl	11.36	154	305172	34.91	ng	100
46) 2-Chloronaphthalene	11.37	162	256106	39.07	ng	98
47) 2-Nitroaniline	11.59	65	89108	42.18	ng	98
48) Acenaphthylene	12.02	152	430979	39.92	ng	100
49) Dimethylphthalate	11.92	163	420711	55.37	ng	99
50) 2,6-Dinitrotoluene	12.01	165	71315	47.21	ng	93
51) Acenaphthene	12.31	154	250776	40.21	ng	100
52) 3-Nitroaniline	12.27	138	61505	34.04	ng	94
54) Dibenzofuran	12.59	168	379843	44.31	ng	98
55) 4-Nitrophenol	12.73	139	14850	17.31	ng	# 73
56) 2,4-Dinitrotoluene	12.66	165	96852	45.58	ng	# 86
57) Fluorene	13.14	166	306170	41.78	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	38468	26.38	ng	# 99
59) Diethylphthalate	13.06	149	334273	42.54	ng	98
60) 4-Chlorophenyl-phenylether	13.18	204	137361	40.88	ng	94
61) 4-Nitroaniline	13.28	138	69301	42.66	ng	98
62) Azobenzene	13.44	77	371882	48.93	ng	98
64) 4,6-Dinitro-2-methylphenol	13.35	198	5648	9.79	ng	95
65) n-Nitrosodiphenylamine	13.39	169	269734	43.17	ng	100
66) 4-Bromophenyl-phenylether	13.97	248	77548	43.34	ng	94
67) Hexachlorobenzene	14.03	284	77956	39.60	ng	# 81
68) Atrazine	14.31	200	83135	47.65	ng	100
69) Pentachlorophenol	14.40	266	17182	23.46	ng	99
70) Phenanthrene	14.69	178	428960	42.64	ng	100
71) Anthracene	14.78	178	457568	42.43	ng	99
72) Carbazole	15.06	167	423086	47.07	ng	99
73) Di-n-butylphthalate	15.66	149	514435	42.32	ng	98
74) Fluoranthene	16.46	202	443912	42.93	ng	100
76) Benzidine	16.70	184	218764	51.15	ng	99
77) Pyrene	16.77	202	452515	36.28	ng	99
79) Butylbenzylphthalate	17.69	149	218546	41.17	ng	91
80) Benzo(a)anthracene	18.34	228	347992	42.93	ng	100
81) 3,3'-Dichlorobenzidine	18.34	252	85899	33.63	ng	98
82) Chrysene	18.39	228	338536	39.81	ng	100
83) Bis(2-ethylhexyl)phthalate	18.45	149	727243	98.95	ng	97
84) Di-n-octyl phthalate	19.21	149	510330	48.25	ng	99
85) Indeno(1,2,3-cd)pyrene	21.20	276	255758	39.61	ng	99
87) Benzo(b)fluoranthene	19.62	252	305568	44.64	ng	100
88) Benzo(k)fluoranthene	19.65	252	284010m	41.13	ng	
89) Benzo(a)pyrene	19.97	252	265837	41.48	ng	100
90) Dibenzo(a,h)anthracene	21.20	278	214110	35.76	ng	98
91) Benzo(g,h,i)perylene	21.53	276	216099	35.26	ng	95

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

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