Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092195.D
Acq On : 10 Jan 2017 21:16
Operator : UM/SJ
Sample : I1079-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USDOT-617122-COMP-0-2MSD

Quant Time: Jan 11 00:55:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	164912	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	716470	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	377514	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	605916	20.00	ng		0.00
75) Chrysene-d12	13.79	240	324325	20.00	ng		0.00
86) Perylene-d12	15.16	264	315060	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1361913	137.89	ng		0.00
7) Phenol-d6	6.31	99	1739908	144.29	ng		0.00
23) Nitrobenzene-d5	7.20	82	1174906	91.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	422935	135.37	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2079383	117.84	ng		0.00
78) Terphenyl-d14	12.74	244	1801659	134.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	165309	34.00	ng		98
3) Pyridine	2.78	79	235072	13.85	ng		95
4) n-Nitrosodimethylamine	2.72	42	259521	40.54	ng		97
6) Aniline	6.29	93	438807	28.02	ng	#	47
8) 2-Chlorophenol	6.42	128	529588	47.14	ng		95
9) Benzaldehyde	6.17	77	36793	3.87	ng		89
10) Phenol	6.32	94	858156	62.45	ng	#	73
11) bis(2-Chloroethyl)ether	6.38	93	516767	47.27	ng		95
12) 1,3-Dichlorobenzene	6.56	146	507571	42.32	ng	#	89
13) 1,4-Dichlorobenzene	6.64	146	509454	41.73	ng		100
14) 1,2-Dichlorobenzene	6.80	146	493792	46.62	ng		98
15) Benzyl Alcohol	6.79	79	429393	45.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	709844	43.60	ng	#	47
17) 2-Methylphenol	6.93	107	423816	46.91	ng	#	90
18) Hexachloroethane	7.13	117	191263	42.26	ng	#	88
19) n-Nitroso-di-n-propylamine	7.06	70	433526	54.04	ng		95
20) 3+4-Methylphenols	7.08	107	614113	56.99	ng	#	71
22) Acetophenone	7.05	105	801744	45.37	ng	#	91
24) Nitrobenzene	7.22	77	635241	46.29	ng		93
25) Isophorone	7.46	82	1089385	45.83	ng		96
26) 2-Nitrophenol	7.54	139	310112	45.82	ng	#	81
27) 2,4-Dimethylphenol	7.60	122	503254	44.83	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	711107	49.33	ng		99
29) 2,4-Dichlorophenol	7.80	162	464046	48.82	ng		90
30) 1,2,4-Trichlorobenzene	7.86	180	460098	44.17	ng		97
31) Naphthalene	7.94	128	1590444	48.50	ng		98
32) Benzoic acid	7.76	122	231376	27.79	ng		99
33) 4-Chloroaniline	8.00	127	330471	22.35	ng		95
34) Hexachlorobutadiene	8.06	225	249987	45.47	ng		99
35) Caprolactam	8.39	113	147858m	47.34	ng		
36) 4-Chloro-3-methylphenol	8.52	107	524131	47.92	ng		99
37) 2-Methylnaphthalene	8.63	142	1008141	55.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	418171	43.84	ng		97
40) Hexachlorocyclopentadiene	8.79	237	283176	67.33	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	305185	45.75	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	293899	42.81	ng	#	84
45) 1,1'-Biphenyl	9.10	154	1190416	46.05	ng		98
46) 2-Chloronaphthalene	9.12	162	899370	43.94	ng		95
47) 2-Nitroaniline	9.22	65	312756	42.91	ng		97
48) Acenaphthylene	9.53	152	1339260	42.54	ng		99
49) Dimethylphthalate	9.42	163	1367614	56.64	ng		100
50) 2,6-Dinitrotoluene	9.48	165	248779	47.07	ng	#	79
51) Acenaphthene	9.70	154	966092	45.26	ng		99
52) 3-Nitroaniline	9.64	138	192977	29.51	ng		95
53) 2,4-Dinitrophenol	9.76	184	216621	73.67	ng	#	69
54) Dibenzofuran	9.88	168	1339653	46.48	ng		97
55) 4-Nitrophenol	9.84	139	405113m	91.23	ng		
56) 2,4-Dinitrotoluene	9.89	165	336672	50.76	ng	#	71
57) Fluorene	10.22	166	1094488	52.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	267984	49.36	ng		95
59) Diethylphthalate	10.12	149	1175580	50.13	ng		95
60) 4-Chlorophenyl-phenylether	10.22	204	470134	51.20	ng	#	82
61) 4-Nitroaniline	10.26	138	297602	43.91	ng		88
62) Azobenzene	10.38	77	1321929	51.20	ng		88
64) 4,6-Dinitro-2-methylphenol	10.30	198	184972	50.48	ng		88
65) n-Nitrosodiphenylamine	10.34	169	985770	54.83	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	281083	44.60	ng		93
67) Hexachlorobenzene	10.77	284	292941	43.48	ng	#	83
68) Atrazine	10.88	200	318358	54.89	ng		97
69) Pentachlorophenol	10.97	266	270891	81.95	ng		99
70) Phenanthrene	11.18	178	2377865	72.37	ng		99
71) Anthracene	11.24	178	1798843	Below Cal			99
72) Carbazole	11.40	167	1528291	Below Cal			98
73) Di-n-butylphthalate	11.73	149	1763052	57.80	ng		98
74) Fluoranthene	12.37	202	2340642	84.57	ng		95
76) Benzidine	12.49	184	80721	6.45	ng		96
77) Pyrene	12.60	202	2222492	93.40	ng		100
79) Butylbenzylphthalate	13.21	149	653922	60.42	ng		99
80) Benzo(a)anthracene	13.77	228	1190229	65.01	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	285902	41.18	ng		97
82) Chrysene	13.82	228	1127462	61.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	921775	72.32	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1418944	60.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.45	276	961274	60.42	ng		98
87) Benzo(b)fluoranthene	14.79	252	1365850m	69.63	ng		
88) Benzo(k)fluoranthene	14.81	252	653028m	39.04	ng		
89) Benzo(a)pyrene	15.11	252	965273	55.44	ng	#	95
90) Dibenzo(a,h)anthracene	16.45	278	754589	52.73	ng		99
91) Benzo(g,h,i)perylene	16.83	276	840140	56.46	ng		96

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

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