Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086205.D
Acq On : 9 Apr 2016 8:34
Operator : UM/SJ
Sample : H2339-01MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MSD

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:32 PM

Quant Time: Apr 11 01:08:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122160	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	475327	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	201369	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	300894	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	238519	20.00	ng		-0.05
86) Perylene-d12	15.28	264	193167	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	819551	114.67	ng		-0.02
7) Phenol-d6	6.38	99	910697	100.32	ng		-0.03
23) Nitrobenzene-d5	7.30	82	658368	81.68	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	195006	103.18	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1073990	88.68	ng		-0.05
78) Terphenyl-d14	12.83	244	728508	71.80	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	108426	32.00	ng		99
3) Pyridine	3.09	79	202476	26.69	ng		92
4) n-Nitrosodimethylamine	3.00	42	130267	39.05	ng		95
6) Aniline	6.40	93	212087	17.81	ng	#	1
8) 2-Chlorophenol	6.52	128	316615	37.15	ng		99
9) Benzaldehyde	6.28	77	67543	13.83	ng		94
10) Phenol	6.40	94	347820	33.59	ng		84
11) bis(2-Chloroethyl)ether	6.48	93	339228m	41.37	ng		
12) 1,3-Dichlorobenzene	6.67	146	333956m	36.97	ng		
13) 1,4-Dichlorobenzene	6.75	146	337526	36.27	ng		93
14) 1,2-Dichlorobenzene	6.90	146	313432	36.59	ng		99
15) Benzyl Alcohol	6.89	79	248661	42.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	354901	35.43	ng		54
17) 2-Methylphenol	7.00	107	249097	37.07	ng	#	92
18) Hexachloroethane	7.23	117	107132	31.30	ng	#	79
19) n-Nitroso-di-n-propylamine	7.15	70	217283	38.62	ng	#	91
20) 3+4-Methylphenols	7.16	107	340294	41.64	ng	#	65
22) Acetophenone	7.15	105	457320	40.93	ng	#	89
24) Nitrobenzene	7.32	77	354686	40.22	ng		94
25) Isophorone	7.56	82	634194	39.86	ng		96
26) 2-Nitrophenol	7.64	139	157148	37.25	ng		92
27) 2,4-Dimethylphenol	7.69	122	308843	40.76	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	380613	40.77	ng	#	97
29) 2,4-Dichlorophenol	7.89	162	245976	38.40	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	273913	38.09	ng		93
31) Naphthalene	8.04	128	921944	38.56	ng		98
32) Benzoic acid	7.84	122	153118	27.54	ng		98
33) 4-Chloroaniline	8.10	127	152387	15.78	ng		98
34) Hexachlorobutadiene	8.16	225	144892	37.48	ng		99
35) Caprolactam	8.48	113	63582	31.29	ng		99
36) 4-Chloro-3-methylphenol	8.59	107	256000	35.55	ng		96
37) 2-Methylnaphthalene	8.73	142	586352	37.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	241063	39.83	ng		99
40) Hexachlorocyclopentadiene	8.88	237	30963	22.81	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	156576	40.29	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	150194	38.06	ng		98
45) 1,1'-Biphenyl	9.20	154	702545	40.46	ng		94
46) 2-Chloronaphthalene	9.22	162	526107	41.80	ng		96
47) 2-Nitroaniline	9.32	65	162307	44.07	ng		97
48) Acenaphthylene	9.63	152	800278	39.69	ng		99
49) Dimethylphthalate	9.49	163	629829	42.20	ng		99
50) 2,6-Dinitrotoluene	9.56	165	112421	35.60	ng		97
51) Acenaphthene	9.80	154	481155	40.13	ng		98
52) 3-Nitroaniline	9.73	138	86738	22.79	ng		98
53) 2,4-Dinitrophenol	9.86	184	31264	24.11	ng	#	80
54) Dibenzofuran	9.97	168	673146	42.51	ng		99
55) 4-Nitrophenol	9.92	139	136151	60.68	ng		87
56) 2,4-Dinitrotoluene	9.97	165	139201	34.89	ng	#	56
57) Fluorene	10.32	166	517305	38.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	123806	42.14	ng		93
59) Diethylphthalate	10.19	149	586388	38.93	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	239775	38.05	ng		97
61) 4-Nitroaniline	10.35	138	138265	36.89	ng		95
62) Azobenzene	10.46	77	616316	42.71	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	25405	13.93	ng		84
65) n-Nitrosodiphenylamine	10.43	169	465428	49.46	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	145480	47.36	ng	#	90
67) Hexachlorobenzene	10.87	284	146569	46.14	ng		99
68) Atrazine	10.96	200	110391	36.31	ng		97
69) Pentachlorophenol	11.06	266	124199	83.42	ng		98
70) Phenanthrene	11.28	178	681572	41.52	ng		98
71) Anthracene	11.32	178	642253	37.35	ng		99
72) Carbazole	11.48	167	576223	38.98	ng		99
73) Di-n-butylphthalate	11.81	149	869621	47.48	ng		100
74) Fluoranthene	12.45	202	580755	34.02	ng		98
76) Benzidine	12.58	184	242488	28.82	ng		98
77) Pyrene	12.68	202	592845	35.27	ng		100
79) Butylbenzylphthalate	13.30	149	287695	38.01	ng	#	71
80) Benzo(a)anthracene	13.87	228	511726	36.40	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	152603	14.86	ng		97
82) Chrysene	13.91	228	476029	35.15	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	410999	40.92	ng		99
84) Di-n-octyl phthalate	14.48	149	719731	44.87	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	415613	37.82	ng		98
87) Benzo(b)fluoranthene	14.89	252	475240m	39.11	ng		
88) Benzo(k)fluoranthene	14.91	252	430224m	39.98	ng		
89) Benzo(a)pyrene	15.22	252	429046	39.85	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	358658	41.40	ng		96
91) Benzo(g,h,i)perylene	17.01	276	332104	39.62	ng		96

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

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