Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086190.D
Acq On : 9 Apr 2016 1:34
Operator : UM/SJ
Sample : H2334-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-1-04062016

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:26 PM

Quant Time: Apr 11 16:11:57 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	6.75	152	24472	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	78672m	20.00	ng		0.01
38) Acenaphthene-d10	9.76	164	42748	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	14423	20.00	ng		-0.15
75) Chrysene-d12	13.91	240	197836	20.00	ng		-0.02
86) Perylene-d12	15.29	264	207515	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	154363	107.82	ng		-0.03
7) Phenol-d6	6.40	99	162596	89.41	ng		-0.02
23) Nitrobenzene-d5	7.32	82	188448	141.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	25118	62.60	ng		0.08
44) 2-Fluorobiphenyl	9.22	172	192903	75.03	ng		0.08
78) Terphenyl-d14	12.88	244	372051	44.21	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.97	42	6310	9.44	ng	#	1
6) Aniline	6.43	93	12536	5.25	ng	#	1
8) 2-Chlorophenol	6.28	128	4252	2.49	ng	#	1
9) Benzaldehyde	6.29	77	499625	510.59	ng	#	1
10) Phenol	6.41	94	6526	3.15	ng	#	1
11) bis(2-Chloroethyl)ether	6.43	93	12986	7.91	ng	#	1
15) Benzyl Alcohol	6.81	79	165647	140.79	ng	#	21
17) 2-Methylphenol	7.04	107	9420	7.00	ng	#	1
18) Hexachloroethane	7.33	117	1580373	2304.73	ng	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	132377	117.44	ng	#	65
20) 3+4-Methylphenols	7.09	107	3491	2.13	ng	#	1
22) Acetophenone	7.09	105	636843	344.35	ng	#	60
24) Nitrobenzene	7.55	77	166823	114.30	ng	#	69
25) Isophorone	7.64	82	317148	120.43	ng	#	1
26) 2-Nitrophenol	7.74	139	101376	145.18	ng	#	1
27) 2,4-Dimethylphenol	7.77	122	44007	35.09	ng	#	1
28) bis(2-Chloroethoxy)methane	7.93	93	7461	4.83	ng	#	1
29) 2,4-Dichlorophenol	8.04	162	396837	374.27	ng	#	40
30) 1,2,4-Trichlorobenzene	8.03	180	22053	18.53	ng	#	1
31) Naphthalene	8.14	128	692797	175.07	ng	#	20
32) Benzoic acid	7.98	122	14165	15.40	ng	#	1
33) 4-Chloroaniline	8.14	127	231107	144.58	ng	#	1
35) Caprolactam	8.60	113	181705	540.20	ng	#	1
36) 4-Chloro-3-methylphenol	8.65	107	54841	46.01	ng	#	43
37) 2-Methylnaphthalene	8.89	142	1183329	457.75	ng	#	82
42) 2,4,6-Trichlorophenol	8.98	196	31905	38.67	ng	#	18
43) 2,4,5-Trichlorophenol	8.98	196	31905	38.09	ng	#	1
45) 1,1'-Biphenyl	9.09	154	104261	28.29	ng		83
46) 2-Chloronaphthalene	9.16	162	19031	7.12	ng	#	1
47) 2-Nitroaniline	9.41	65	54469	69.67	ng	#	54
48) Acenaphthylene	9.70	152	25160	5.88	ng	#	1
49) Dimethylphthalate	9.47	163	79529	25.10	ng	#	1
50) 2,6-Dinitrotoluene	9.42	165	129301	192.89	ng	#	80
51) Acenaphthene	9.81	154	16236	6.38	ng	#	65

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	9.73	138	42514	52.62	ng	#	1
53) 2,4-Dinitrophenol	9.84	184	2145	10.32	ng	#	1
54) Dibenzofuran	9.89	168	322134	95.82	ng	#	82
55) 4-Nitrophenol	9.95	139	65048	136.57	ng	#	1
56) 2,4-Dinitrotoluene	9.89	165	74814	88.32	ng	#	66
57) Fluorene	10.26	166	12358	4.30	ng	#	1
58) 2,3,4,6-Tetrachlorophenol	9.98	232	4438	7.12	ng	#	31
59) Diethylphthalate	10.25	149	163303	51.07	ng	#	35
60) 4-Chlorophenyl-phenylether	10.25	204	98373	73.54	ng	#	1
61) 4-Nitroaniline	10.42	138	56879	71.49	ng	#	25
62) Azobenzene	10.44	77	180345	58.88	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.32	198	1653	18.91	ng	#	1
65) n-Nitrosodiphenylamine	10.26	169	65676	145.60	ng	#	59
66) 4-Bromophenyl-phenylether	10.69	248	7534	51.16	ng	#	1
68) Atrazine	10.88	200	30878	211.87	ng	#	6
69) Pentachlorophenol	10.98	266	2829	39.64	ng	#	47
70) Phenanthrene	11.02	178	74895	95.18	ng	#	1
71) Anthracene	11.39	178	188600	228.82	ng	#	47
72) Carbazole	11.41	167	156161	220.40	ng	#	1
73) Di-n-butylphthalate	11.74	149	95531	108.81	ng	#	1
74) Fluoranthene	12.30	202	13157	16.08	ng	#	1
77) Pyrene	12.75	202	201253	14.44	ng	#	91
79) Butylbenzylphthalate	13.47	149	38139	6.08	ng	#	15
80) Benzo(a)anthracene	13.93	228	25163	2.16	ng	#	1
82) Chrysene	13.93	228	25072	2.23	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.79	149	21467	2.58	ng	#	2

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

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