Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089939.D
Acq On : 31 Aug 2016 9:58
Operator : UM/SJ
Sample : PB93146BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93146BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:33 AM

Quant Time: Sep 01 05:11:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	229643	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	947347	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	529273	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	1056469	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	883112	20.00	ng		-0.01
86) Perylene-d12	15.10	264	751373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	903588	62.98	ng		0.01
7) Phenol-d6	6.27	99	1092934	62.69	ng		0.00
23) Nitrobenzene-d5	7.20	82	927738	56.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	301583	57.76	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	1995161	61.88	ng		-0.01
78) Terphenyl-d14	12.72	244	1984250	55.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	20237m	2.98	ng		
3) Pyridine	2.87	79	44979	2.48	ng		96
4) n-Nitrosodimethylamine	2.78	42	30960	3.46	ng		97
8) 2-Chlorophenol	6.41	128	55883	3.59	ng	#	80
9) Benzaldehyde	6.17	77	48174	4.28	ng		90
10) Phenol	6.28	94	93940	4.63	ng	#	67
11) bis(2-Chloroethyl)ether	6.38	93	58755	3.83	ng		88
12) 1,3-Dichlorobenzene	6.57	146	66159m	3.81	ng		
13) 1,4-Dichlorobenzene	6.65	146	65580	3.69	ng		97
14) 1,2-Dichlorobenzene	6.81	146	53788m	3.37	ng		
15) Benzyl Alcohol	6.79	79	54292	4.97	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	6.92	45	102307	3.50	ng		98
17) 2-Methylphenol	6.90	107	46130	3.71	ng		94
18) Hexachloroethane	7.15	117	21381	3.51	ng	#	86
19) n-Nitroso-di-n-propylamine	7.05	70	41959	3.69	ng	#	93
20) 3+4-Methylphenols	7.05	107	60599	4.02	ng		97
22) Acetophenone	7.05	105	79375	3.73	ng	#	95
24) Nitrobenzene	7.22	77	56759	3.27	ng	#	77
25) Isophorone	7.46	82	110706	3.33	ng		97
26) 2-Nitrophenol	7.54	139	24355	2.93	ng	#	81
27) 2,4-Dimethylphenol	7.59	122	56077	3.65	ng		92
28) bis(2-Chloroethoxy)methane	7.68	93	70405	3.51	ng		96
29) 2,4-Dichlorophenol	7.78	162	48314	3.51	ng		91
30) 1,2,4-Trichlorobenzene	7.86	180	52644	3.50	ng		96
31) Naphthalene	7.94	128	176950	3.75	ng		98
34) Hexachlorobutadiene	8.07	225	30611	3.47	ng		96
35) Caprolactam	8.32	113	15431	3.55	ng		91
36) 4-Chloro-3-methylphenol	8.47	107	47182	3.24	ng	#	82
37) 2-Methylnaphthalene	8.63	142	124073	3.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	55019	3.55	ng		99
40) Hexachlorocyclopentadiene	8.79	237	52619	6.62	ng		96
42) 2,4,6-Trichlorophenol	8.91	196	33801	3.15	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	35572	3.44	ng	#	85
45) 1,1'-Biphenyl	9.10	154	154797	3.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.11	162	107351	3.56	ng		97
47) 2-Nitroaniline	9.21	65	30591	3.10	ng	#	76
48) Acenaphthylene	9.52	152	179171	3.59	ng		98
49) Dimethylphthalate	9.39	163	139584	3.65	ng		98
50) 2,6-Dinitrotoluene	9.45	165	29521	3.47	ng		99
51) Acenaphthene	9.69	154	111992	3.55	ng		100
52) 3-Nitroaniline	9.61	138	28825	2.97	ng		99
53) 2,4-Dinitrophenol	9.72	184	8150	4.47	ng	#	64
54) Dibenzofuran	9.86	168	169470	4.00	ng		99
55) 4-Nitrophenol	9.77	139	41386	5.65	ng	#	52
56) 2,4-Dinitrotoluene	9.85	165	39615	3.67	ng		91
57) Fluorene	10.20	166	143706	4.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	33667	3.81	ng		89
59) Diethylphthalate	10.09	149	132078	3.67	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	63727	4.38	ng	#	83
61) 4-Nitroaniline	10.22	138	32193	3.38	ng		95
62) Azobenzene	10.36	77	149425	4.16	ng		93
65) n-Nitrosodiphenylamine	10.32	169	114515	3.61	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	38846	3.65	ng	#	84
67) Hexachlorobenzene	10.75	284	44666	3.68	ng	#	78
68) Atrazine	10.84	200	36917	3.48	ng		98
69) Pentachlorophenol	10.95	266	29044	4.44	ng		99
70) Phenanthrene	11.15	178	208805	3.97	ng		98
71) Anthracene	11.21	178	213618	4.00	ng		97
72) Carbazole	11.36	167	195380	3.90	ng		98
73) Di-n-butylphthalate	11.71	149	233715	4.01	ng		98
74) Fluoranthene	12.33	202	233609	4.24	ng		95
77) Pyrene	12.56	202	238623	3.83	ng		97
79) Butylbenzylphthalate	13.20	149	84378	3.36	ng		85
80) Benzo(a)anthracene	13.74	228	198327	3.67	ng		100
82) Chrysene	13.77	228	188897	3.74	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	118703	3.42	ng	#	93
84) Di-n-octyl phthalate	14.37	149	171341	3.06	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	116413	3.12	ng		97
87) Benzo(b)fluoranthene	14.73	252	172056m	3.66	ng		
88) Benzo(k)fluoranthene	14.75	252	147250m	3.69	ng		
89) Benzo(a)pyrene	15.04	252	148606	3.68	ng		98
90) Dibenzo(a,h)anthracene	16.33	278	94694	3.20	ng		98
91) Benzo(g,h,i)perylene	16.67	276	97989	3.29	ng		97

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

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