Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089785.D
Acq On : 19 Aug 2016 9:55
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 19 13:53:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:28 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	587568	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	2165475	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	1110497	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1970859	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1132677	20.00	ng		-0.02
86) Perylene-d12	15.35	264	1009745	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	179023	5.08	ng		-0.01
7) Phenol-d6	6.31	99	238804	5.33	ng		-0.01
23) Nitrobenzene-d5	7.24	82	203856	5.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	56736	5.28	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
3) Pyridine	2.84	79	103108	2.20	ng		95
4) n-Nitrosodimethylamine	2.76	42	37511	1.99	ng	#	75
6) Aniline	6.33	93	147254	2.45	ng	#	89
8) 2-Chlorophenol	6.46	128	112043	2.67	ng		91
9) Benzaldehyde	6.22	77	74482	2.51	ng		98
10) Phenol	6.32	94	141343	2.54	ng		80
11) bis(2-Chloroethyl)ether	6.42	93	92063	2.23	ng		92
12) 1,3-Dichlorobenzene	6.62	146	110616	2.47	ng		95
13) 1,4-Dichlorobenzene	6.70	146	115964	2.56	ng		100
14) 1,2-Dichlorobenzene	6.86	146	111738	2.58	ng		99
15) Benzyl Alcohol	6.82	79	76794	2.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	125506	2.32	ng		96
17) 2-Methylphenol	6.94	107	78396	2.36	ng		98
18) Hexachloroethane	7.20	117	41926	2.52	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	75241	2.56	ng		95
20) 3+4-Methylphenols	7.10	107	109915	2.58	ng	#	79
22) Acetophenone	7.10	105	140693	2.80	ng	#	90
24) Nitrobenzene	7.26	77	105291	2.64	ng		92
25) Isophorone	7.51	82	189921	2.68	ng		95
26) 2-Nitrophenol	7.59	139	42730	2.28	ng		97
27) 2,4-Dimethylphenol	7.62	122	96368	2.71	ng		91
28) bis(2-Chloroethoxy)methane	7.72	93	126296	2.93	ng		99
29) 2,4-Dichlorophenol	7.82	162	75122	2.54	ng		89
30) 1,2,4-Trichlorobenzene	7.91	180	96377	3.03	ng		97
33) 4-Chloroaniline	8.03	127	121024	2.69	ng	#	88
34) Hexachlorobutadiene	8.11	225	47980	2.87	ng		98
35) Caprolactam	8.35	113	21418	2.35	ng		89
36) 4-Chloro-3-methylphenol	8.51	107	92071	2.86	ng		95
37) 2-Methylnaphthalene	8.67	142	196698	2.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	105839	2.96	ng	#	95
42) 2,4,6-Trichlorophenol	8.95	196	53013	2.30	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	57205	2.60	ng	#	92
45) 1,1'-Biphenyl	9.14	154	262259	2.85	ng		93
46) 2-Chloronaphthalene	9.15	162	184792	2.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.26	65	39570	1.88	ng	#	60
48) Acenaphthylene	9.56	152	286723	2.70	ng		98
49) Dimethylphthalate	9.44	163	239691	2.98	ng		99
50) 2,6-Dinitrotoluene	9.50	165	45833	2.52	ng		97
51) Acenaphthene	9.75	154	175671	2.45	ng		97
52) 3-Nitroaniline	9.66	138	49784	2.35	ng		96
53) 2,4-Dinitrophenol	9.76	184	5292m	0.82	ng		
54) Dibenzofuran	9.91	168	241496	2.74	ng		99
57) Fluorene	10.25	166	204296	2.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	42311	2.46	ng	#	93
59) Diethylphthalate	10.14	149	212833	2.61	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	92462	2.65	ng		89
61) 4-Nitroaniline	10.26	138	40879	1.99	ng		93
62) Azobenzene	10.41	77	200122	2.60	ng		96
65) n-Nitrosodiphenylamine	10.36	169	172102	2.78	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	58014	2.84	ng	#	82
67) Hexachlorobenzene	10.80	284	66608	2.94	ng	#	90
68) Atrazine	10.90	200	44831	2.39	ng		93
69) Pentachlorophenol	10.99	266	24649	1.74	ng		96
70) Phenanthrene	11.21	178	303935	3.14	ng		97
71) Anthracene	11.26	178	306732	3.03	ng		97
72) Carbazole	11.42	167	249540	2.60	ng	#	96
73) Di-n-butylphthalate	11.77	149	310132	2.66	ng	#	97
74) Fluoranthene	12.39	202	277395	2.85	ng		98
76) Benzidine	12.51	184	73707	1.81	ng		97
77) Pyrene	12.62	202	272761	3.68	ng		98
79) Butylbenzylphthalate	13.27	149	94794	2.55	ng	#	85
80) Benzo(a)anthracene	13.84	228	175023	2.66	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	46898	1.96	ng	#	91
83) Bis(2-ethylhexyl)phthalate	13.87	149	147775	3.00	ng	#	96
84) Di-n-octyl phthalate	14.56	149	165447	2.16	ng		97
85) Indeno(1,2,3-cd)pyrene	16.63	276	173289	3.43	ng		95
87) Benzo(b)fluoranthene	14.96	252	140353m	2.19	ng		
88) Benzo(k)fluoranthene	14.98	252	143887m	2.73	ng		
89) Benzo(a)pyrene	15.29	252	136044	2.58	ng		96
90) Dibenzo(a,h)anthracene	16.65	278	143012	3.44	ng		100
91) Benzo(g,h,i)perylene	17.01	276	152392	3.60	ng		95

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

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