Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089990.D
Acq On : 6 Sep 2016 15:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/7/2016 8:50:24 AM

Quant Time: Sep 06 17:39:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	207661	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	863227	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	432111	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	797659	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	625657	20.00	ng		-0.02
86) Perylene-d12	15.07	264	561944	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1050501	80.97	ng		-0.02
7) Phenol-d6	6.27	99	1215398	77.10	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1134363	76.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	326308	76.54	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	2043238	77.62	ng		-0.02
78) Terphenyl-d14	12.71	244	1941228	76.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	241545	39.30	ng		96
3) Pyridine	2.70	79	617047	37.63	ng		98
4) n-Nitrosodimethylamine	2.65	42	298802	36.95	ng		96
6) Aniline	6.28	93	812979	37.80	ng		98
8) 2-Chlorophenol	6.40	128	557016	39.57	ng		85
9) Benzaldehyde	6.16	77	389231	38.27	ng		96
10) Phenol	6.28	94	671090	36.61	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	569487	41.05	ng		94
12) 1,3-Dichlorobenzene	6.56	146	642082m	40.85	ng		
13) 1,4-Dichlorobenzene	6.64	146	656310	40.81	ng		94
14) 1,2-Dichlorobenzene	6.79	146	557601	38.67	ng		97
15) Benzyl Alcohol	6.78	79	408527	41.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1008841	38.14	ng		88
17) 2-Methylphenol	6.90	107	459102	40.84	ng		95
18) Hexachloroethane	7.13	117	216121	39.23	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	374368	36.44	ng		90
20) 3+4-Methylphenols	7.05	107	580790	42.63	ng	#	85
22) Acetophenone	7.04	105	730429	37.72	ng	#	91
24) Nitrobenzene	7.21	77	591665	37.39	ng		93
25) Isophorone	7.45	82	1129009	37.30	ng		97
26) 2-Nitrophenol	7.53	139	339300	44.86	ng	#	82
27) 2,4-Dimethylphenol	7.58	122	530993	37.95	ng		100
28) bis(2-Chloroethoxy)methane	7.68	93	700050	38.35	ng		99
29) 2,4-Dichlorophenol	7.77	162	495121	39.47	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	525437	38.31	ng		96
31) Naphthalene	7.93	128	1637805	38.08	ng		99
32) Benzoic acid	7.74	122	444244	47.13	ng		98
33) 4-Chloroaniline	7.99	127	714472	41.18	ng		97
34) Hexachlorobutadiene	8.06	225	327527	40.75	ng		98
35) Caprolactam	8.36	113	143119	36.15	ng		91
36) 4-Chloro-3-methylphenol	8.48	107	524628	39.49	ng		85
37) 2-Methylnaphthalene	8.62	142	1018827	35.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	532194	42.04	ng		99
40) Hexachlorocyclopentadiene	8.78	237	310890	47.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	376446	42.91	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	362670	42.99	ng		97
45) 1,1'-Biphenyl	9.08	154	1345145	38.66	ng		97
46) 2-Chloronaphthalene	9.11	162	1039271	42.23	ng		94
47) 2-Nitroaniline	9.21	65	329507	40.96	ng	#	58
48) Acenaphthylene	9.52	152	1570019	38.58	ng		98
49) Dimethylphthalate	9.39	163	1118714	35.82	ng		100
50) 2,6-Dinitrotoluene	9.45	165	284724	40.99	ng		93
51) Acenaphthene	9.69	154	1072084	41.58	ng		99
52) 3-Nitroaniline	9.62	138	339291	42.83	ng	#	74
53) 2,4-Dinitrophenol	9.72	184	152821	43.12	ng	#	52
54) Dibenzofuran	9.86	168	1302338	37.69	ng		91
55) 4-Nitrophenol	9.79	139	272713	45.64	ng	#	76
56) 2,4-Dinitrotoluene	9.85	165	382013	43.37	ng		97
57) Fluorene	10.19	166	877115	34.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	282017	39.05	ng		99
59) Diethylphthalate	10.09	149	1181948	40.23	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	441190	37.13	ng	#	87
61) 4-Nitroaniline	10.23	138	286682	36.83	ng		90
62) Azobenzene	10.35	77	1139868	38.84	ng		92
64) 4,6-Dinitro-2-methylphenol	10.25	198	197939	38.76	ng		97
65) n-Nitrosodiphenylamine	10.32	169	1020509	42.56	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	328070	40.85	ng	#	82
67) Hexachlorobenzene	10.74	284	391137	42.64	ng	#	81
68) Atrazine	10.84	200	289938	36.22	ng		99
69) Pentachlorophenol	10.94	266	241092	48.86	ng		98
70) Phenanthrene	11.14	178	1443884	36.35	ng		99
71) Anthracene	11.20	178	1627294	40.39	ng		99
72) Carbazole	11.36	167	1580626	41.84	ng		100
73) Di-n-butylphthalate	11.70	149	1741352	39.55	ng		99
74) Fluoranthene	12.32	202	1470347	35.32	ng		96
76) Benzidine	12.46	184	943140	39.79	ng		96
77) Pyrene	12.55	202	1671945	37.90	ng		99
79) Butylbenzylphthalate	13.19	149	733152	41.21	ng	#	74
80) Benzo(a)anthracene	13.73	228	1452120	37.89	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	609812	44.09	ng	#	97
82) Chrysene	13.76	228	1293017	36.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	978003	39.75	ng	#	97
84) Di-n-octyl phthalate	14.35	149	1706564	42.97	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	1103222	41.69	ng		99
87) Benzo(b)fluoranthene	14.72	252	1375463m	39.07	ng		
88) Benzo(k)fluoranthene	14.74	252	1108731m	37.12	ng		
89) Benzo(a)pyrene	15.03	252	1235625	40.97	ng	#	99
90) Dibenzo(a,h)anthracene	16.31	278	891079	40.32	ng		97
91) Benzo(g,h,i)perylene	16.66	276	885767	39.82	ng		96

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

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