Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089304.D
Acq On : 26 Jul 2016 10:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
7/27/2016 7:11:40 PM

Quant Time: Jul 26 13:34:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48838	20.00	ng		-0.01
21) Naphthalene-d8	7.84	136	208567	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	100427	20.00	ng		-0.01
63) Phenanthrene-d10	11.06	188	192778	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	140003	20.00	ng		-0.01
86) Perylene-d12	15.02	264	115512	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	249510	77.70	ng		-0.01
7) Phenol-d6	6.22	99	321534	77.65	ng		-0.01
23) Nitrobenzene-d5	7.13	82	309946	78.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	69570	76.94	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	597842	82.02	ng		-0.01
78) Terphenyl-d14	12.64	244	474845	73.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	54236	38.90	ng		97
3) Pyridine	2.59	79	136374	38.50	ng		94
4) n-Nitrosodimethylamine	2.57	42	52710	35.35	ng		95
6) Aniline	6.22	93	203250	36.33	ng		100
8) 2-Chlorophenol	6.34	128	144266	40.48	ng		96
9) Benzaldehyde	6.10	77	50487	20.51	ng		99
10) Phenol	6.23	94	195431	40.96	ng		86
11) bis(2-Chloroethyl)ether	6.31	93	147551	41.18	ng		96
12) 1,3-Dichlorobenzene	6.49	146	153656	39.05	ng		95
13) 1,4-Dichlorobenzene	6.57	146	166960	42.13	ng		97
14) 1,2-Dichlorobenzene	6.72	146	143526m	38.41	ng		
15) Benzyl Alcohol	6.72	79	108359	35.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	163758	40.11	ng	#	68
17) 2-Methylphenol	6.83	107	102107	36.38	ng		96
18) Hexachloroethane	7.06	117	63269	42.47	ng	#	93
19) n-Nitroso-di-n-propylamine	6.99	70	104323	38.52	ng		98
20) 3+4-Methylphenols	6.99	107	136888	35.92	ng	#	87
22) Acetophenone	6.98	105	216208	38.82	ng	#	98
24) Nitrobenzene	7.15	77	148996	35.99	ng		98
25) Isophorone	7.39	82	290275	40.12	ng		99
26) 2-Nitrophenol	7.46	139	73097	37.86	ng		98
27) 2,4-Dimethylphenol	7.52	122	120937	37.17	ng		96
28) bis(2-Chloroethoxy)methane	7.61	93	186742	41.27	ng		99
29) 2,4-Dichlorophenol	7.71	162	115691	39.46	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	124223	38.28	ng	#	95
31) Naphthalene	7.86	128	433632	38.52	ng		100
32) Benzoic acid	7.68	122	87963	35.16	ng		96
33) 4-Chloroaniline	7.93	127	175922	37.16	ng		99
34) Hexachlorobutadiene	7.99	225	71162	39.40	ng		98
35) Caprolactam	8.31	113	33138	36.40	ng		96
36) 4-Chloro-3-methylphenol	8.42	107	138707	39.27	ng		99
37) 2-Methylnaphthalene	8.56	142	259196	36.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	136461	36.56	ng		99
40) Hexachlorocyclopentadiene	8.71	237	44611	40.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	72498	34.70	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	82313	39.25	ng		99
45) 1,1'-Biphenyl	9.02	154	330698	36.56	ng		100
46) 2-Chloronaphthalene	9.04	162	256371	37.30	ng		100
47) 2-Nitroaniline	9.15	65	85666	36.34	ng	#	72
48) Acenaphthylene	9.45	152	425350	39.37	ng		100
49) Dimethylphthalate	9.34	163	306530	39.78	ng		99
50) 2,6-Dinitrotoluene	9.39	165	68390	39.31	ng		90
51) Acenaphthene	9.62	154	242498	37.94	ng		99
52) 3-Nitroaniline	9.56	138	80321	38.87	ng		92
53) 2,4-Dinitrophenol	9.68	184	26561	35.27	ng		89
54) Dibenzofuran	9.79	168	331308	38.36	ng		99
55) 4-Nitrophenol	9.75	139	37897	30.31	ng		98
56) 2,4-Dinitrotoluene	9.79	165	82616	36.86	ng		88
57) Fluorene	10.14	166	291139	39.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	54800m	36.38	ng		
59) Diethylphthalate	10.02	149	292791	38.32	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	124888	37.32	ng		94
61) 4-Nitroaniline	10.18	138	78932	39.26	ng		90
62) Azobenzene	10.30	77	316616	38.12	ng		85
64) 4,6-Dinitro-2-methylphenol	10.20	198	47895	42.68	ng	#	70
65) n-Nitrosodiphenylamine	10.25	169	241060	37.42	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	77807	40.79	ng		99
67) Hexachlorobenzene	10.67	284	74747	36.43	ng	#	49
68) Atrazine	10.79	200	72574	36.02	ng		98
69) Pentachlorophenol	10.88	266	41938	44.30	ng		99
70) Phenanthrene	11.08	178	411415	38.90	ng		100
71) Anthracene	11.14	178	434756	39.55	ng		99
72) Carbazole	11.30	167	391995	40.60	ng		99
73) Di-n-butylphthalate	11.64	149	473879	39.68	ng	#	97
74) Fluoranthene	12.26	202	433439	38.99	ng		98
76) Benzidine	12.40	184	168876	35.09	ng		99
77) Pyrene	12.49	202	466216	40.32	ng		99
79) Butylbenzylphthalate	13.12	149	197604	40.40	ng		98
80) Benzo(a)anthracene	13.67	228	326038	36.56	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	119974	40.56	ng		98
82) Chrysene	13.71	228	344079	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	291887	44.99	ng	#	93
84) Di-n-octyl phthalate	14.30	149	475393	44.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.23	276	243316	39.33	ng		100
87) Benzo(b)fluoranthene	14.66	252	356023m	42.55	ng		
88) Benzo(k)fluoranthene	14.70	252	198829m	33.23	ng		
89) Benzo(a)pyrene	14.97	252	258145	39.75	ng	#	96
90) Dibenzo(a,h)anthracene	16.24	278	211774	41.30	ng		97
91) Benzo(g,h,i)perylene	16.58	276	209073	40.44	ng		97

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

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