Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
Data File : BF089313.D
Acq On : 26 Jul 2016 18:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
7/27/2016 7:12:03 PM

Quant Time: Jul 27 03:36:54 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	6.55	152	42267	20.00	ng		-0.02
21) Naphthalene-d8	7.83	136	176896	20.00	ng		-0.02
38) Acenaphthene-d10	9.58	164	86667	20.00	ng		-0.02
63) Phenanthrene-d10	11.05	188	158735	20.00	ng		-0.02
75) Chrysene-d12	13.67	240	119894	20.00	ng		-0.02
86) Perylene-d12	15.01	264	89646	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	216671	77.96	ng		-0.02
7) Phenol-d6	6.20	99	287633	80.26	ng		-0.02
23) Nitrobenzene-d5	7.12	82	265292	79.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	59808	76.65	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	511682	81.35	ng		-0.02
78) Terphenyl-d14	12.63	244	409794	74.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	49833	41.30	ng		98
3) Pyridine	2.56	79	120233	39.22	ng		95
4) n-Nitrosodimethylamine	2.54	42	43262	33.53	ng		100
6) Aniline	6.20	93	178018	36.76	ng		100
8) 2-Chlorophenol	6.33	128	127733	41.42	ng		96
9) Benzaldehyde	6.09	77	77436	41.47	ng		99
10) Phenol	6.22	94	172898	41.87	ng		84
11) bis(2-Chloroethyl)ether	6.30	93	129421	41.74	ng		98
12) 1,3-Dichlorobenzene	6.48	146	132529	38.92	ng		97
13) 1,4-Dichlorobenzene	6.56	146	145102	42.31	ng		96
14) 1,2-Dichlorobenzene	6.72	146	128011	39.59	ng		96
15) Benzyl Alcohol	6.71	79	95694	36.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	145284	41.12	ng	#	71
17) 2-Methylphenol	6.83	107	88933	36.61	ng		94
18) Hexachloroethane	7.05	117	53380	41.41	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	89339	38.11	ng		98
20) 3+4-Methylphenols	6.98	107	124843	37.86	ng	#	80
22) Acetophenone	6.97	105	185570	39.28	ng	#	99
24) Nitrobenzene	7.14	77	135489	38.59	ng		98
25) Isophorone	7.38	82	238075	38.80	ng		100
26) 2-Nitrophenol	7.45	139	62769	38.33	ng		95
27) 2,4-Dimethylphenol	7.51	122	101324	36.72	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	157532	41.05	ng		99
29) 2,4-Dichlorophenol	7.70	162	102326	41.15	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	108587	39.45	ng		99
31) Naphthalene	7.85	128	359896	37.70	ng		100
32) Benzoic acid	7.67	122	82370	38.82	ng		95
33) 4-Chloroaniline	7.92	127	148922	37.09	ng		98
34) Hexachlorobutadiene	7.98	225	64392	42.03	ng		96
35) Caprolactam	8.30	113	30361	39.32	ng	#	88
36) 4-Chloro-3-methylphenol	8.41	107	120745	40.30	ng		97
37) 2-Methylnaphthalene	8.55	142	224907	36.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	118912	36.92	ng		99
40) Hexachlorocyclopentadiene	8.70	237	38318	40.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	61667	34.20	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	70065	38.71	ng		99
45) 1,1'-Biphenyl	9.00	154	284528	36.45	ng		99
46) 2-Chloronaphthalene	9.03	162	229038	38.62	ng		99
47) 2-Nitroaniline	9.13	65	72752	35.76	ng	#	84
48) Acenaphthylene	9.44	152	373003	40.00	ng		99
49) Dimethylphthalate	9.32	163	260073	39.11	ng		100
50) 2,6-Dinitrotoluene	9.38	165	58601	39.03	ng		93
51) Acenaphthene	9.61	154	217224	39.38	ng		99
52) 3-Nitroaniline	9.55	138	64103	35.95	ng		92
53) 2,4-Dinitrophenol	9.67	184	20976	33.00	ng		92
54) Dibenzofuran	9.78	168	291341	39.09	ng		99
55) 4-Nitrophenol	9.74	139	38076	35.29	ng		95
56) 2,4-Dinitrotoluene	9.78	165	71897	37.17	ng		92
57) Fluorene	10.12	166	244029	38.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	52840	40.65	ng	#	93
59) Diethylphthalate	10.01	149	243236	36.89	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	105489	36.52	ng		97
61) 4-Nitroaniline	10.16	138	63177	36.41	ng		97
62) Azobenzene	10.27	77	266410	37.17	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	37566	40.65	ng		85
65) n-Nitrosodiphenylamine	10.24	169	211307	39.83	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	67508	42.98	ng		92
67) Hexachlorobenzene	10.66	284	63449	37.55	ng	#	59
68) Atrazine	10.78	200	63748	38.43	ng		98
69) Pentachlorophenol	10.87	266	33382	42.83	ng		99
70) Phenanthrene	11.07	178	354120	40.67	ng		99
71) Anthracene	11.12	178	359947	39.77	ng		99
72) Carbazole	11.29	167	317413	39.93	ng		99
73) Di-n-butylphthalate	11.62	149	388484	39.51	ng		100
74) Fluoranthene	12.25	202	380132	41.53	ng		95
76) Benzidine	12.39	184	174818	42.41	ng		99
77) Pyrene	12.47	202	361235	36.48	ng		99
79) Butylbenzylphthalate	13.11	149	171494	40.94	ng		95
80) Benzo(a)anthracene	13.66	228	278651	36.49	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	95693	37.78	ng	#	97
82) Chrysene	13.69	228	260456	35.71	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	226747	40.81	ng		100
84) Di-n-octyl phthalate	14.27	149	377680	41.20	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	185823	35.08	ng		99
87) Benzo(b)fluoranthene	14.65	252	217405m	33.48	ng		
88) Benzo(k)fluoranthene	14.67	252	231698m	49.90	ng		
89) Benzo(a)pyrene	14.95	252	207271	41.12	ng		99
90) Dibenzo(a,h)anthracene	16.21	278	163577	41.10	ng	#	92
91) Benzo(g,h,i)perylene	16.56	276	162623	40.53	ng		99

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

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