Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089187.D
Acq On : 22 Jul 2016 10:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
7/25/2016 6:41:15 PM

Quant Time: Jul 22 11:11:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	49740	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	207368	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	101368	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	193874	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	134062	20.00	ng		-0.01
86) Perylene-d12	15.06	264	113133	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	258244	78.96	ng		-0.01
7) Phenol-d6	6.25	99	326583	77.44	ng		-0.02
23) Nitrobenzene-d5	7.16	82	310218	79.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	72321	79.24	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	623672	84.77	ng		-0.01
78) Terphenyl-d14	12.67	244	476980	77.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	58427	41.14	ng		99
3) Pyridine	2.65	79	141743	39.29	ng		97
4) n-Nitrosodimethylamine	2.62	42	58266	38.37	ng		98
6) Aniline	6.26	93	212577	37.30	ng	#	80
8) 2-Chlorophenol	6.38	128	147925	40.76	ng		86
9) Benzaldehyde	6.14	77	94146	43.38	ng		99
10) Phenol	6.27	94	191898	39.49	ng		89
11) bis(2-Chloroethyl)ether	6.34	93	157310	43.11	ng		99
12) 1,3-Dichlorobenzene	6.52	146	153395	38.28	ng		99
13) 1,4-Dichlorobenzene	6.60	146	159340	39.48	ng		98
14) 1,2-Dichlorobenzene	6.76	146	161254	42.38	ng		100
15) Benzyl Alcohol	6.75	79	121736	39.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	172361	41.45	ng		86
17) 2-Methylphenol	6.88	107	111449	38.99	ng		97
18) Hexachloroethane	7.10	117	60260	39.72	ng		100
19) n-Nitroso-di-n-propylamine	7.03	70	115398	41.83	ng		97
20) 3+4-Methylphenols	7.04	107	153095	39.45	ng		96
22) Acetophenone	7.02	105	225400	40.70	ng		99
24) Nitrobenzene	7.19	77	173314	42.11	ng		96
25) Isophorone	7.43	82	282854	39.32	ng		98
26) 2-Nitrophenol	7.51	139	75516	39.34	ng	#	76
27) 2,4-Dimethylphenol	7.55	122	123294	38.12	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	189340	42.08	ng		99
29) 2,4-Dichlorophenol	7.75	162	120783	41.44	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	131591	40.78	ng		100
31) Naphthalene	7.90	128	417760	37.33	ng		100
32) Benzoic acid	7.71	122	100711	40.49	ng		98
33) 4-Chloroaniline	7.96	127	189965	40.36	ng		98
34) Hexachlorobutadiene	8.02	225	73983	41.20	ng		98
35) Caprolactam	8.34	113	35733	39.47	ng		95
36) 4-Chloro-3-methylphenol	8.46	107	147988	42.14	ng		98
37) 2-Methylnaphthalene	8.59	142	289945	40.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	141888	37.66	ng		99
40) Hexachlorocyclopentadiene	8.74	237	55069	47.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	79930	37.90	ng		100
43) 2,4,5-Trichlorophenol	8.92	196	85794	40.53	ng		99
45) 1,1'-Biphenyl	9.05	154	334063	36.59	ng		100
46) 2-Chloronaphthalene	9.07	162	268847	38.76	ng		99
47) 2-Nitroaniline	9.18	65	90411	37.99	ng		98
48) Acenaphthylene	9.48	152	436680	40.04	ng		100
49) Dimethylphthalate	9.37	163	299542	38.51	ng		100
50) 2,6-Dinitrotoluene	9.43	165	69806	39.75	ng		96
51) Acenaphthene	9.66	154	260139	40.32	ng		99
52) 3-Nitroaniline	9.60	138	79234	37.99	ng		99
53) 2,4-Dinitrophenol	9.70	184	33846	42.29	ng		90
54) Dibenzofuran	9.83	168	341879	39.22	ng		99
55) 4-Nitrophenol	9.78	139	46847	37.13	ng		91
56) 2,4-Dinitrotoluene	9.83	165	88440	39.10	ng		100
57) Fluorene	10.17	166	305708	41.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	67041	44.10	ng		95
59) Diethylphthalate	10.06	149	292097	37.87	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	126512	37.45	ng		98
61) 4-Nitroaniline	10.20	138	80381	39.61	ng		99
62) Azobenzene	10.32	77	320453	38.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	47506	42.09	ng		95
65) n-Nitrosodiphenylamine	10.28	169	255098	39.37	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	79710	41.55	ng		94
67) Hexachlorobenzene	10.71	284	78670	38.12	ng	#	54
68) Atrazine	10.82	200	83420	41.17	ng		99
69) Pentachlorophenol	10.91	266	50735	53.29	ng		100
70) Phenanthrene	11.12	178	424888	39.95	ng		100
71) Anthracene	11.18	178	452931	40.97	ng		100
72) Carbazole	11.34	167	398837	41.07	ng		99
73) Di-n-butylphthalate	11.67	149	442976	36.88	ng		100
74) Fluoranthene	12.30	202	427805	38.27	ng		99
76) Benzidine	12.43	184	334353	72.54	ng		98
77) Pyrene	12.53	202	473725	42.79	ng		99
79) Butylbenzylphthalate	13.15	149	196376	41.93	ng		97
80) Benzo(a)anthracene	13.70	228	339784	39.80	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	126644	44.72	ng		98
82) Chrysene	13.75	228	351050	43.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	263723	42.45	ng		99
84) Di-n-octyl phthalate	14.33	149	440974	43.02	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	230059	38.84	ng		100
87) Benzo(b)fluoranthene	14.71	252	354895m	43.31	ng		
88) Benzo(k)fluoranthene	14.73	252	217471m	37.11	ng		
89) Benzo(a)pyrene	15.01	252	252999	39.77	ng		99
90) Dibenzo(a,h)anthracene	16.30	278	197942	39.41	ng		97
91) Benzo(g,h,i)perylene	16.65	276	195836	38.67	ng		100

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

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