Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089245.D
Acq On : 23 Jul 2016 20:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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sohil
7/25/2016 6:43:08 PM

Quant Time: Jul 25 04:28:28 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 03:29:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	47481	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	198048	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	94801	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	179220	20.00	ng		0.00
75) Chrysene-d12	13.70	240	122324	20.00	ng		-0.01
86) Perylene-d12	15.05	264	94014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	233808	74.89	ng		0.00
7) Phenol-d6	6.24	99	315962	78.48	ng		0.00
23) Nitrobenzene-d5	7.15	82	295180	79.19	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	66011	77.34	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	587699	85.42	ng		0.00
78) Terphenyl-d14	12.66	244	460585	81.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	50458	37.22	ng		94
3) Pyridine	2.60	79	126684	36.79	ng		98
4) n-Nitrosodimethylamine	2.58	42	49502	34.15	ng		98
6) Aniline	6.24	93	202495	37.23	ng		97
8) 2-Chlorophenol	6.36	128	142732	41.20	ng		92
9) Benzaldehyde	6.12	77	69583	31.05	ng		97
10) Phenol	6.25	94	188473	40.63	ng	#	72
11) bis(2-Chloroethyl)ether	6.33	93	145766	41.85	ng		99
12) 1,3-Dichlorobenzene	6.51	146	143568	37.53	ng		97
13) 1,4-Dichlorobenzene	6.59	146	156215	40.55	ng		98
14) 1,2-Dichlorobenzene	6.75	146	145934	40.17	ng		99
15) Benzyl Alcohol	6.74	79	109046	36.99	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.87	45	161972	40.81	ng		74
17) 2-Methylphenol	6.87	107	101657	37.25	ng		92
18) Hexachloroethane	7.08	117	58196	40.18	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	100471	38.15	ng		99
20) 3+4-Methylphenols	7.02	107	135599	36.60	ng	#	77
22) Acetophenone	7.00	105	213938	40.45	ng		99
24) Nitrobenzene	7.18	77	161050	40.97	ng		95
25) Isophorone	7.42	82	274691	39.99	ng		99
26) 2-Nitrophenol	7.50	139	69426	37.87	ng	#	80
27) 2,4-Dimethylphenol	7.54	122	116389	37.68	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	175070	40.74	ng		98
29) 2,4-Dichlorophenol	7.74	162	114522	41.14	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	124865	40.52	ng		99
31) Naphthalene	7.88	128	395485	37.00	ng		100
32) Benzoic acid	7.70	122	78199	32.92	ng		95
33) 4-Chloroaniline	7.95	127	174899	38.91	ng		98
34) Hexachlorobutadiene	8.01	225	69573	40.56	ng		97
35) Caprolactam	8.33	113	32223	37.27	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	139249	41.51	ng		97
37) 2-Methylnaphthalene	8.58	142	265094	38.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	137109	38.91	ng		99
40) Hexachlorocyclopentadiene	8.73	237	36385	36.04	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	71557	36.28	ng		100
43) 2,4,5-Trichlorophenol	8.91	196	79581	40.20	ng		98
45) 1,1'-Biphenyl	9.05	154	323269	37.86	ng		95
46) 2-Chloronaphthalene	9.06	162	257076	39.63	ng		99
47) 2-Nitroaniline	9.18	65	85365	38.36	ng	#	76
48) Acenaphthylene	9.47	152	403368	39.55	ng		100
49) Dimethylphthalate	9.36	163	297885	40.95	ng		100
50) 2,6-Dinitrotoluene	9.42	165	65556	39.91	ng	#	86
51) Acenaphthene	9.64	154	231893	38.43	ng		99
52) 3-Nitroaniline	9.59	138	77292	39.63	ng		93
53) 2,4-Dinitrophenol	9.70	184	16833	26.49	ng	#	87
54) Dibenzofuran	9.82	168	319964	39.25	ng		98
55) 4-Nitrophenol	9.77	139	39796m	33.72	ng		
56) 2,4-Dinitrotoluene	9.82	165	82220	38.86	ng		92
57) Fluorene	10.16	166	280682	40.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	55734m	39.20	ng		
59) Diethylphthalate	10.04	149	276486	38.33	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	125735	39.80	ng	#	90
61) 4-Nitroaniline	10.20	138	75279	39.67	ng		92
62) Azobenzene	10.32	77	306951	39.15	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	40250	38.58	ng		79
65) n-Nitrosodiphenylamine	10.28	169	240089	40.08	ng		97
66) 4-Bromophenyl-phenylether	10.64	248	71743	40.45	ng		91
67) Hexachlorobenzene	10.71	284	75514	39.59	ng	#	95
68) Atrazine	10.81	200	71743	38.30	ng		98
69) Pentachlorophenol	10.90	266	33299	37.84	ng		99
70) Phenanthrene	11.11	178	378912	38.54	ng		99
71) Anthracene	11.16	178	431436	42.22	ng		99
72) Carbazole	11.32	167	371934	41.44	ng		100
73) Di-n-butylphthalate	11.67	149	449487	40.49	ng	#	97
74) Fluoranthene	12.29	202	398044	38.52	ng		99
76) Benzidine	12.42	184	159503	37.93	ng		99
77) Pyrene	12.51	202	425547	42.12	ng		99
79) Butylbenzylphthalate	13.14	149	180497	42.24	ng		96
80) Benzo(a)anthracene	13.69	228	287689	36.93	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	104320	40.37	ng		100
82) Chrysene	13.74	228	301823	40.56	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	245339	43.28	ng	#	93
84) Di-n-octyl phthalate	14.32	149	395606	42.30	ng		100
85) Indeno(1,2,3-cd)pyrene	16.26	276	214415	39.67	ng		98
87) Benzo(b)fluoranthene	14.70	252	281425m	41.33	ng		
88) Benzo(k)fluoranthene	14.72	252	182868m	37.56	ng		
89) Benzo(a)pyrene	14.99	252	211820	40.07	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	186037	44.57	ng	#	94
91) Benzo(g,h,i)perylene	16.63	276	190683	45.31	ng		100

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

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