Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088023.D
Acq On : 15 Jun 2016 3:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/15/2016 6:41:33 PM

Quant Time: Jun 15 05:36:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113513	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	408985	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	173993	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	258788	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	243076	20.00	ng		-0.01
86) Perylene-d12	15.35	264	197464	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	481869	72.57	ng		-0.01
7) Phenol-d6	6.42	99	628858	78.15	ng		-0.01
23) Nitrobenzene-d5	7.36	82	584251	83.42	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	107939	58.75	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	847123	75.89	ng		-0.01
78) Terphenyl-d14	12.89	244	633331	59.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	132440	41.05	ng	#	38
3) Pyridine	3.00	79	325377	42.71	ng		94
4) n-Nitrosodimethylamine	2.96	42	125923	39.03	ng		84
6) Aniline	6.44	93	391057	34.14	ng	#	57
8) 2-Chlorophenol	6.57	128	310296	39.48	ng		88
9) Benzaldehyde	6.33	77	182062	34.28	ng		100
10) Phenol	6.44	94	347814	41.68	ng	#	55
11) bis(2-Chloroethyl)ether	6.52	93	263437	37.33	ng		91
12) 1,3-Dichlorobenzene	6.72	146	307181	36.43	ng		98
13) 1,4-Dichlorobenzene	6.80	146	296328	34.88	ng		97
14) 1,2-Dichlorobenzene	6.96	146	314153	40.67	ng		97
15) Benzyl Alcohol	6.94	79	230229	36.57	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	359391	37.70	ng		92
17) 2-Methylphenol	7.05	107	228584	35.86	ng		97
18) Hexachloroethane	7.30	117	97103	32.21	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	181330	35.22	ng		89
20) 3+4-Methylphenols	7.21	107	286552	38.53	ng	#	84
22) Acetophenone	7.20	105	351970	38.51	ng	#	93
24) Nitrobenzene	7.37	77	250707	36.95	ng		87
25) Isophorone	7.62	82	511293	39.41	ng	#	93
26) 2-Nitrophenol	7.69	139	142765	39.28	ng	#	84
27) 2,4-Dimethylphenol	7.74	122	259776	38.82	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	311476	38.71	ng	#	97
29) 2,4-Dichlorophenol	7.93	162	217832	38.99	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	238229	39.16	ng		96
31) Naphthalene	8.09	128	767302	37.91	ng		99
32) Benzoic acid	7.85	122	113665m	30.85	ng		
33) 4-Chloroaniline	8.15	127	344591	38.13	ng		97
34) Hexachlorobutadiene	8.22	225	131343	40.94	ng		100
35) Caprolactam	8.52	113	63066	34.08	ng		93
36) 4-Chloro-3-methylphenol	8.64	107	234919	39.32	ng		93
37) 2-Methylnaphthalene	8.79	142	501718	37.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	213654	48.43	ng	#	1
42) 2,4,6-Trichlorophenol	9.07	196	136585	39.25	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	137203	37.90	ng	#	87
45) 1,1'-Biphenyl	9.26	154	628061	48.59	ng		97
46) 2-Chloronaphthalene	9.28	162	465183	41.32	ng		95
47) 2-Nitroaniline	9.37	65	116663	35.12	ng		95
48) Acenaphthylene	9.69	152	687240	38.37	ng		99
49) Dimethylphthalate	9.55	163	495194	39.29	ng		99
50) 2,6-Dinitrotoluene	9.62	165	115204	39.91	ng	#	90
51) Acenaphthene	9.86	154	391023	35.00	ng		100
52) 3-Nitroaniline	9.78	138	116205	34.89	ng		98
53) 2,4-Dinitrophenol	9.90	184	3641	5.89	ng	#	76
54) Dibenzofuran	10.03	168	598472	38.90	ng		95
55) 4-Nitrophenol	9.95	139	87355	33.79	ng	#	70
56) 2,4-Dinitrotoluene	10.02	165	142165	38.32	ng	#	88
57) Fluorene	10.38	166	444900	42.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	92432	32.49	ng	#	55
59) Diethylphthalate	10.25	149	477744	37.45	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	177786	34.75	ng		93
61) 4-Nitroaniline	10.40	138	137482	43.52	ng		91
62) Azobenzene	10.52	77	437711	34.69	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	8900	7.42	ng		86
65) n-Nitrosodiphenylamine	10.49	169	408931	47.62	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	116755	42.05	ng	#	90
67) Hexachlorobenzene	10.92	284	120254	41.69	ng	#	80
68) Atrazine	11.02	200	97439	37.47	ng		93
69) Pentachlorophenol	11.12	266	57920	38.09	ng		98
70) Phenanthrene	11.34	178	585038	43.08	ng		99
71) Anthracene	11.38	178	547005	39.93	ng		99
72) Carbazole	11.54	167	568127	44.32	ng		99
73) Di-n-butylphthalate	11.87	149	640755	39.49	ng		100
74) Fluoranthene	12.51	202	539894	37.67	ng		97
76) Benzidine	12.64	184	364881	54.21	ng		99
77) Pyrene	12.74	202	557757	30.92	ng		99
79) Butylbenzylphthalate	13.37	149	296058	37.12	ng		96
80) Benzo(a)anthracene	13.93	228	500545	36.14	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	172798	46.39	ng	#	96
82) Chrysene	13.97	228	488055	37.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	356276	36.70	ng		99
84) Di-n-octyl phthalate	14.54	149	747497	47.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	402288	33.23	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	613598m	44.58	ng		
88) Benzo(k)fluoranthene	14.98	252	335994m	32.36	ng		
89) Benzo(a)pyrene	15.29	252	432644	38.85	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	341888	33.06	ng		98
91) Benzo(g,h,i)perylene	17.12	276	331331	31.14	ng		96

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

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