Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092629.D
Acq On : 30 Jan 2017 13:10
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/31/2017 4:44:39 PM

Quant Time: Jan 30 13:58:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 13:46:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164787	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	670506	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	345648	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	572270	20.00	ng		0.00
75) Chrysene-d12	14.15	240	444981	20.00	ng		0.00
86) Perylene-d12	15.61	264	343291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	972916	91.86	ng		0.00
7) Phenol-d6	6.61	99	1205649	89.37	ng		0.01
23) Nitrobenzene-d5	7.54	82	1088347	88.67	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	254559	108.07	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1686966	90.25	ng		0.00
78) Terphenyl-d14	13.08	244	1649670	98.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	248739	44.16	ng	#	85
3) Pyridine	3.36	79	704939	43.96	ng	#	80
4) n-Nitrosodimethylamine	3.33	42	314899	40.03	ng		85
6) Aniline	6.62	93	770103	38.27	ng		92
8) 2-Chlorophenol	6.75	128	489497	44.00	ng		94
9) Benzaldehyde	6.51	77	428725	44.78	ng		93
10) Phenol	6.62	94	729851	44.82	ng		99
11) bis(2-Chloroethyl)ether	6.70	93	571121	46.88	ng		97
12) 1,3-Dichlorobenzene	6.91	146	615004	46.74	ng		97
13) 1,4-Dichlorobenzene	6.98	146	587718	44.38	ng		98
14) 1,2-Dichlorobenzene	7.14	146	594735	47.34	ng		97
15) Benzyl Alcohol	7.12	79	459085	45.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	980716	40.69	ng		99
17) 2-Methylphenol	7.23	107	432776	45.53	ng		98
18) Hexachloroethane	7.48	117	215831	47.31	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	377868	41.13	ng	#	95
20) 3+4-Methylphenols	7.39	107	549133	47.62	ng	#	82
22) Acetophenone	7.38	105	670708	42.00	ng	#	93
24) Nitrobenzene	7.56	77	588144	45.74	ng	#	79
25) Isophorone	7.79	82	1050378	43.42	ng		95
26) 2-Nitrophenol	7.87	139	276196	51.26	ng		97
27) 2,4-Dimethylphenol	7.92	122	501456	44.75	ng		96
28) bis(2-Chloroethoxy)methane	8.01	93	721251	45.43	ng		99
29) 2,4-Dichlorophenol	8.12	162	463784	47.73	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	482639	45.96	ng		99
31) Naphthalene	8.28	128	1586485	46.23	ng		98
32) Benzoic acid	8.04	122	288463	37.22	ng		97
33) 4-Chloroaniline	8.33	127	580293	39.97	ng		96
34) Hexachlorobutadiene	8.40	225	266513	46.40	ng		98
35) Caprolactam	8.70	113	140348	43.26	ng	#	35
36) 4-Chloro-3-methylphenol	8.82	107	484251	46.22	ng		97
37) 2-Methylnaphthalene	8.97	142	946194	43.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	479601	55.01	ng		99
40) Hexachlorocyclopentadiene	9.12	237	227853	52.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	314531	47.08	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	341306	55.84	ng	#	82
45) 1,1'-Biphenyl	9.44	154	1236242	49.48	ng		98
46) 2-Chloronaphthalene	9.46	162	924737	45.31	ng		96
47) 2-Nitroaniline	9.56	65	350283	50.97	ng	#	86
48) Acenaphthylene	9.88	152	1625730	54.31	ng		98
49) Dimethylphthalate	9.73	163	1037430	47.20	ng		98
50) 2,6-Dinitrotoluene	9.80	165	275034	61.22	ng		97
51) Acenaphthene	10.04	154	949470	51.05	ng		97
52) 3-Nitroaniline	9.97	138	306230	54.43	ng		93
53) 2,4-Dinitrophenol	10.08	184	132833	82.62	ng		96
54) Dibenzofuran	10.21	168	1245629	49.32	ng		97
55) 4-Nitrophenol	10.14	139	234832	52.55	ng	#	68
56) 2,4-Dinitrotoluene	10.20	165	331580	55.60	ng		91
57) Fluorene	10.56	166	961726	51.36	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	243074	53.08	ng		97
59) Diethylphthalate	10.43	149	1004162	47.64	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	480099	52.86	ng	#	76
61) 4-Nitroaniline	10.59	138	300605	53.42	ng		88
62) Azobenzene	10.72	77	1113186	46.41	ng		87
64) 4,6-Dinitro-2-methylphenol	10.61	198	190153	67.17	ng		94
65) n-Nitrosodiphenylamine	10.67	169	806572	45.13	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	287194	49.70	ng	#	76
67) Hexachlorobenzene	11.10	284	268239	45.93	ng	#	82
68) Atrazine	11.20	200	267382	43.71	ng		99
69) Pentachlorophenol	11.30	266	136825	36.64	ng		96
70) Phenanthrene	11.53	178	1594843	50.61	ng		99
71) Anthracene	11.57	178	1430402	46.44	ng		99
72) Carbazole	11.73	167	1451028	49.34	ng		99
73) Di-n-butylphthalate	12.05	149	1536083	45.68	ng	#	98
74) Fluoranthene	12.72	202	1628194	52.82	ng		91
76) Benzidine	12.83	184	877582	53.13	ng		97
77) Pyrene	12.94	202	1661986	51.55	ng		99
79) Butylbenzylphthalate	13.55	149	667120	51.07	ng		99
80) Benzo(a)anthracene	14.13	228	1279746	53.51	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	470104	51.77	ng	#	94
82) Chrysene	14.17	228	1175698	46.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	873968	53.13	ng		98
84) Di-n-octyl phthalate	14.73	149	1459633	48.88	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	876173	46.37	ng	#	94
87) Benzo(b)fluoranthene	15.19	252	1122579	50.94	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	910972m	49.71	ng		
89) Benzo(a)pyrene	15.55	252	936456	50.23	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	748453	49.65	ng		98
91) Benzo(g,h,i)perylene	17.54	276	756821	49.64	ng	#	92

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

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