Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088527.D
Acq On : 30 Jun 2016 14:12
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
SOHIL
7/1/2016 8:06:45 AM

Quant Time: Jun 30 17:53:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 16:14:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127688	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	549656	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	260030	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	484227	20.00	ng		0.00
75) Chrysene-d12	13.95	240	412150	20.00	ng		0.00
86) Perylene-d12	15.35	264	356950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	49588	2.99	ng		-0.01
7) Phenol-d6	6.42	99	58361	2.69	ng		-0.02
23) Nitrobenzene-d5	7.37	82	57131	2.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	13275	2.84	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.90	244	92066	2.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	11466	2.73	ng	#	28
3) Pyridine	3.10	79	32802	2.67	ng		97
4) n-Nitrosodimethylamine	3.03	42	11987	2.52	ng	#	89
6) Aniline	6.47	93	44820	2.77	ng		99
8) 2-Chlorophenol	6.59	128	24998	2.65	ng		88
9) Benzaldehyde	6.35	77	21245	4.81	ng		92
10) Phenol	6.44	94	33940	2.62	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	24173	2.51	ng	#	84
12) 1,3-Dichlorobenzene	6.75	146	29490	2.98	ng		98
13) 1,4-Dichlorobenzene	6.83	146	29345	2.96	ng		97
14) 1,2-Dichlorobenzene	6.98	146	28711m	3.10	ng		
15) Benzyl Alcohol	6.95	79	22770	2.59	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	36026	2.67	ng		96
17) 2-Methylphenol	7.06	107	20812	2.61	ng		99
18) Hexachloroethane	7.32	117	10217	2.67	ng	#	78
19) n-Nitroso-di-n-propylamine	7.22	70	21658	2.88	ng		92
20) 3+4-Methylphenols	7.21	107	26362	2.81	ng		89
22) Acetophenone	7.22	105	38231	2.87	ng	#	95
24) Nitrobenzene	7.39	77	26246	2.37	ng		97
25) Isophorone	7.63	82	52668	2.54	ng		98
26) 2-Nitrophenol	7.71	139	9890	2.20	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	24481	2.67	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	37179	2.89	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	18026	2.37	ng		92
30) 1,2,4-Trichlorobenzene	8.04	180	21804	2.71	ng		96
31) Naphthalene	8.11	128	74152	2.74	ng		99
33) 4-Chloroaniline	8.16	127	32180	2.71	ng	#	92
34) Hexachlorobutadiene	8.25	225	10968	2.57	ng		99
35) Caprolactam	8.48	113	6230	2.31	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	24194	2.80	ng		98
37) 2-Methylnaphthalene	8.81	142	52907	2.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	24236	3.39	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	10685	2.32	ng		98
42) 2,4,6-Trichlorophenol	9.08	196	16430	2.89	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	10634	2.02	ng		97
45) 1,1'-Biphenyl	9.27	154	60160	2.92	ng		96
46) 2-Chloronaphthalene	9.29	162	47427	2.85	ng		98
47) 2-Nitroaniline	9.38	65	14254	2.53	ng		94
48) Acenaphthylene	9.70	152	72944	2.70	ng		99
49) Dimethylphthalate	9.56	163	50176	2.57	ng		99
50) 2,6-Dinitrotoluene	9.62	165	9341	2.17	ng	#	27
51) Acenaphthene	9.88	154	44016	2.63	ng		99
52) 3-Nitroaniline	9.79	138	11891	2.31	ng	#	83
54) Dibenzofuran	10.04	168	59938	2.54	ng	#	89
55) 4-Nitrophenol	9.94	139	8004	1.92	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	12489	2.25	ng	#	50
58) 2,3,4,6-Tetrachlorophenol	10.17	232	8507	1.98	ng	#	50
59) Diethylphthalate	10.27	149	46739	2.33	ng		96
60) 4-Chlorophenyl-phenylether	10.39	204	24562	3.16	ng		99
61) 4-Nitroaniline	10.39	138	12195	2.49	ng		83
62) Azobenzene	10.55	77	57426	2.35	ng		94
65) n-Nitrosodiphenylamine	10.50	169	48598	2.93	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	12990	2.62	ng		96
67) Hexachlorobenzene	10.94	284	15453	2.92	ng		97
68) Atrazine	11.03	200	14610	2.83	ng		96
69) Pentachlorophenol	11.13	266	6678	2.11	ng		94
70) Phenanthrene	11.35	178	80984	2.94	ng		98
71) Anthracene	11.39	178	74260	2.75	ng		97
72) Carbazole	11.55	167	67769	2.62	ng		95
73) Di-n-butylphthalate	11.90	149	80876	2.68	ng		98
74) Fluoranthene	12.52	202	76862	2.88	ng		94
76) Benzidine	12.65	184	47053	3.52	ng		99
77) Pyrene	12.75	202	80629	2.28	ng		98
80) Benzo(a)anthracene	13.94	228	64019	2.34	ng		97
81) 3,3'-Dichlorobenzidine	13.91	252	22088	2.42	ng		94
82) Chrysene	13.98	228	64583	2.40	ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	38079	2.08	ng	#	99
84) Di-n-octyl phthalate	14.56	149	61581	2.04	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	43181	2.03	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	52345m	2.38	ng		
88) Benzo(k)fluoranthene	14.98	252	55358m	2.72	ng		
89) Benzo(a)pyrene	15.29	252	48356	2.42	ng		95
90) Dibenzo(a,h)anthracene	16.71	278	35566	2.18	ng		98
91) Benzo(g,h,i)perylene	17.09	276	35536	2.09	ng		97

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

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