Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088528.D
Acq On : 30 Jun 2016 14:41
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:06:47 AM

Quant Time: Jun 30 16:39:02 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	123204	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	534920	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	251681	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	466676	20.00	ng		0.00
75) Chrysene-d12	13.95	240	395807	20.00	ng		0.00
86) Perylene-d12	15.35	264	351610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	176247	11.01	ng		-0.01
7) Phenol-d6	6.43	99	250766	11.98	ng		-0.01
23) Nitrobenzene-d5	7.37	82	212444	10.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	49985	11.06	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	402947	12.02	ng		0.00
78) Terphenyl-d14	12.90	244	332589	9.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	40845	10.09	ng	#	28
3) Pyridine	3.08	79	118950	10.05	ng		94
4) n-Nitrosodimethylamine	3.02	42	45082	9.82	ng	#	95
6) Aniline	6.47	93	175038	11.20	ng		99
8) 2-Chlorophenol	6.59	128	97619	10.71	ng		91
9) Benzaldehyde	6.35	77	80036	18.80	ng		87
10) Phenol	6.44	94	148099	11.85	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	100246	10.78	ng		86
12) 1,3-Dichlorobenzene	6.75	146	110897	11.62	ng		99
13) 1,4-Dichlorobenzene	6.83	146	111428	11.64	ng		97
14) 1,2-Dichlorobenzene	6.98	146	102761m	11.50	ng		
15) Benzyl Alcohol	6.95	79	85606	10.08	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	136052	10.45	ng		96
17) 2-Methylphenol	7.06	107	77498	10.07	ng		99
18) Hexachloroethane	7.32	117	39066	10.58	ng	#	77
19) n-Nitroso-di-n-propylamine	7.22	70	77574	10.69	ng		95
20) 3+4-Methylphenols	7.22	107	100986	11.16	ng	#	36
22) Acetophenone	7.22	105	154779	11.95	ng	#	93
24) Nitrobenzene	7.39	77	112594	10.46	ng		90
25) Isophorone	7.63	82	205823	10.20	ng		95
26) 2-Nitrophenol	7.71	139	41882	9.57	ng		90
27) 2,4-Dimethylphenol	7.75	122	94012	10.52	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	138530	11.05	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	75164	10.15	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	83966	10.72	ng		95
31) Naphthalene	8.12	128	288277	10.96	ng		97
32) Benzoic acid	7.83	122	49890	10.36	ng		93
33) 4-Chloroaniline	8.17	127	123231	10.66	ng	#	92
34) Hexachlorobutadiene	8.25	225	42841	10.32	ng		99
35) Caprolactam	8.50	113	26189	10.00	ng		88
36) 4-Chloro-3-methylphenol	8.64	107	88547	10.55	ng		94
37) 2-Methylnaphthalene	8.81	142	197064	11.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	90626	13.10	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	44763	10.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	62270	11.31	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	48263	9.49	ng	#	94
45) 1,1'-Biphenyl	9.27	154	216119	10.83	ng		97
46) 2-Chloronaphthalene	9.29	162	176814	10.99	ng		98
47) 2-Nitroaniline	9.38	65	56936	10.43	ng		91
48) Acenaphthylene	9.70	152	272401	10.43	ng		99
49) Dimethylphthalate	9.56	163	180825	9.58	ng		99
50) 2,6-Dinitrotoluene	9.63	165	38382	9.23	ng		97
51) Acenaphthene	9.88	154	169853	10.49	ng		100
52) 3-Nitroaniline	9.79	138	56256	11.29	ng		94
53) 2,4-Dinitrophenol	9.90	184	14088	8.53	ng	#	89
54) Dibenzofuran	10.04	168	226272	9.90	ng	#	88
55) 4-Nitrophenol	9.94	139	41597	10.33	ng		91
56) 2,4-Dinitrotoluene	10.02	165	49252	9.18	ng	#	40
57) Fluorene	10.39	166	183064	11.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	37188	8.95	ng	#	53
59) Diethylphthalate	10.27	149	203202	10.49	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	83443	11.10	ng		98
61) 4-Nitroaniline	10.40	138	50324	10.63	ng		93
62) Azobenzene	10.55	77	210736	8.90	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	19201	8.91	ng	#	63
65) n-Nitrosodiphenylamine	10.50	169	177153	11.06	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	52209	10.92	ng		98
67) Hexachlorobenzene	10.94	284	57110	11.21	ng		97
68) Atrazine	11.03	200	52478	10.55	ng		92
69) Pentachlorophenol	11.13	266	30572	10.01	ng		99
70) Phenanthrene	11.35	178	285274	10.75	ng		99
71) Anthracene	11.39	178	274053	10.52	ng		98
72) Carbazole	11.55	167	275117	11.05	ng		98
73) Di-n-butylphthalate	11.90	149	314901	10.84	ng		99
74) Fluoranthene	12.53	202	286210	11.13	ng		94
76) Benzidine	12.65	184	186320	14.50	ng		99
77) Pyrene	12.75	202	304553	8.99	ng		99
79) Butylbenzylphthalate	13.38	149	114955	7.61	ng	#	68
80) Benzo(a)anthracene	13.94	228	244359	9.28	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	93525	10.68	ng	#	97
82) Chrysene	13.98	228	252958	9.79	ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	157919	9.00	ng	#	99
84) Di-n-octyl phthalate	14.56	149	268777	9.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	169193	8.29	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	261519m	12.07	ng		
88) Benzo(k)fluoranthene	14.98	252	163004m	8.14	ng		
89) Benzo(a)pyrene	15.29	252	194798	9.90	ng		96
90) Dibenzo(a,h)anthracene	16.71	278	143673	8.93	ng		99
91) Benzo(g,h,i)perylene	17.10	276	141719	8.48	ng		98

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

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