Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088529.D
Acq On : 30 Jun 2016 15:10
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:06:49 AM

Quant Time: Jun 30 16:37:04 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	122496	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	523877	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	240268	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	442524	20.00	ng		0.00
75) Chrysene-d12	13.95	240	332049	20.00	ng		0.00
86) Perylene-d12	15.35	264	298928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	431332	27.09	ng		0.00
7) Phenol-d6	6.43	99	559948	26.90	ng		-0.01
23) Nitrobenzene-d5	7.38	82	535100	26.32	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	113201	26.24	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	785653	24.56	ng		0.00
78) Terphenyl-d14	12.91	244	766580	25.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	103273	25.66	ng	#	31
3) Pyridine	3.08	79	306682	26.05	ng		93
4) n-Nitrosodimethylamine	3.03	42	114667	25.12	ng		92
6) Aniline	6.47	93	393219	25.30	ng		93
8) 2-Chlorophenol	6.59	128	235567	26.01	ng		100
9) Benzaldehyde	6.35	77	179909	42.50	ng		83
10) Phenol	6.46	94	307997	24.78	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	234467	25.35	ng		95
12) 1,3-Dichlorobenzene	6.75	146	258554	27.25	ng		98
13) 1,4-Dichlorobenzene	6.83	146	265793	27.92	ng		99
14) 1,2-Dichlorobenzene	6.98	146	225250m	25.36	ng		
15) Benzyl Alcohol	6.96	79	205069	24.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	342154	26.43	ng		96
17) 2-Methylphenol	7.06	107	178365	23.31	ng		96
18) Hexachloroethane	7.34	117	95480	26.00	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	195137	27.03	ng		92
20) 3+4-Methylphenols	7.22	107	228431	25.40	ng	#	74
22) Acetophenone	7.22	105	307836	24.27	ng	#	81
24) Nitrobenzene	7.39	77	251056	23.81	ng	#	80
25) Isophorone	7.63	82	450049	22.77	ng	#	92
26) 2-Nitrophenol	7.71	139	106094	24.74	ng		98
27) 2,4-Dimethylphenol	7.76	122	217791	24.88	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	277947	22.64	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	188766	26.02	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	207130	27.01	ng		99
31) Naphthalene	8.12	128	722081	28.03	ng		98
32) Benzoic acid	7.86	122	153678	32.58	ng		91
33) 4-Chloroaniline	8.17	127	329836	29.14	ng		98
34) Hexachlorobutadiene	8.25	225	106987	26.32	ng		99
35) Caprolactam	8.52	113	57753	22.51	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	214139	26.04	ng		91
37) 2-Methylnaphthalene	8.81	142	420788	24.63	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	224662	34.01	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	106712	25.06	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	128494	24.45	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	117515	24.21	ng	#	84
45) 1,1'-Biphenyl	9.28	154	564952	29.65	ng		98
46) 2-Chloronaphthalene	9.30	162	422884	27.54	ng		94
47) 2-Nitroaniline	9.39	65	142493	27.33	ng	#	68
48) Acenaphthylene	9.71	152	694626	27.85	ng		99
49) Dimethylphthalate	9.58	163	457351	25.38	ng		100
50) 2,6-Dinitrotoluene	9.63	165	106220	26.76	ng	#	71
51) Acenaphthene	9.88	154	415595	26.89	ng		99
52) 3-Nitroaniline	9.79	138	113012	23.77	ng		80
53) 2,4-Dinitrophenol	9.90	184	36007	22.84	ng	#	69
54) Dibenzofuran	10.06	168	555264	25.44	ng		96
55) 4-Nitrophenol	9.95	139	93906	24.44	ng	#	65
56) 2,4-Dinitrotoluene	10.03	165	143379	27.99	ng	#	84
57) Fluorene	10.40	166	429398	27.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	99595	25.11	ng	#	54
59) Diethylphthalate	10.27	149	432960	23.40	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	178642	24.90	ng		91
61) 4-Nitroaniline	10.40	138	122244	27.05	ng		82
62) Azobenzene	10.55	77	463812	20.51	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	54010	26.44	ng		92
65) n-Nitrosodiphenylamine	10.50	169	372322	24.52	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	122288	26.97	ng		94
67) Hexachlorobenzene	10.94	284	123875	25.65	ng	#	85
68) Atrazine	11.04	200	119707	25.38	ng		99
69) Pentachlorophenol	11.13	266	81589	28.17	ng		98
70) Phenanthrene	11.35	178	596762	23.71	ng		99
71) Anthracene	11.41	178	677304	27.41	ng		99
72) Carbazole	11.55	167	592875	25.11	ng		100
73) Di-n-butylphthalate	11.90	149	692374	25.13	ng		99
74) Fluoranthene	12.54	202	695490	28.52	ng		94
76) Benzidine	12.65	184	394236	36.58	ng		100
77) Pyrene	12.77	202	676897	23.81	ng		98
79) Butylbenzylphthalate	13.38	149	283690	22.40	ng	#	61
80) Benzo(a)anthracene	13.94	228	553915	25.08	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	202746	27.59	ng	#	96
82) Chrysene	13.98	228	496006	22.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	362126	24.60	ng		100
84) Di-n-octyl phthalate	14.56	149	640576	26.30	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	367403	21.47	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	512781m	27.85	ng		
88) Benzo(k)fluoranthene	14.98	252	406784m	23.89	ng		
89) Benzo(a)pyrene	15.29	252	411244	24.60	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	317616	23.23	ng		98
91) Benzo(g,h,i)perylene	17.11	276	316587	22.29	ng		94

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

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