Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088501.D
Acq On : 29 Jun 2016 19:06
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
sohil
6/30/2016 7:45:56 PM

Quant Time: Jun 30 01:21:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 01:10:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139171	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	516767	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	229061	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	406928	20.00	ng		0.00
75) Chrysene-d12	13.95	240	221940	20.00	ng		-0.01
86) Perylene-d12	15.36	264	267690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	425605	51.24	ng		-0.01
7) Phenol-d6	6.44	99	559596	54.92	ng		-0.01
23) Nitrobenzene-d5	7.38	82	489268	54.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	95648	41.41	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	850000	49.17	ng		0.00
78) Terphenyl-d14	12.91	244	536004	53.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	110451	27.22	ng	#	30
3) Pyridine	3.10	79	326899	33.26	ng		98
4) n-Nitrosodimethylamine	3.05	42	129706	31.29	ng		95
6) Aniline	6.48	93	418566	28.80	ng		99
8) 2-Chlorophenol	6.60	128	258664	26.75	ng		89
9) Benzaldehyde	6.36	77	116507	18.41	ng		96
10) Phenol	6.46	94	320954	25.41	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	278425	31.32	ng		91
12) 1,3-Dichlorobenzene	6.76	146	268498	25.84	ng		96
13) 1,4-Dichlorobenzene	6.84	146	262542	24.87	ng		98
14) 1,2-Dichlorobenzene	6.99	146	260640	27.71	ng		97
15) Benzyl Alcohol	6.96	79	223165	27.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	365882	30.29	ng		99
17) 2-Methylphenol	7.07	107	204928	25.98	ng		98
18) Hexachloroethane	7.34	117	99539	26.66	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	181145	27.51	ng		96
20) 3+4-Methylphenols	7.22	107	256916	27.78	ng		91
22) Acetophenone	7.23	105	359444	30.92	ng	#	86
24) Nitrobenzene	7.40	77	297774	33.71	ng		90
25) Isophorone	7.64	82	522040	31.02	ng		95
26) 2-Nitrophenol	7.72	139	91522	20.75	ng	#	83
27) 2,4-Dimethylphenol	7.76	122	230878	27.49	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	351322	34.02	ng		99
29) 2,4-Dichlorophenol	7.95	162	181085	25.51	ng		92
30) 1,2,4-Trichlorobenzene	8.04	180	200125	25.89	ng	#	94
31) Naphthalene	8.12	128	668591	25.84	ng		99
32) Benzoic acid	7.84	122	51498	12.20	ng		95
33) 4-Chloroaniline	8.17	127	273316	24.07	ng	#	88
34) Hexachlorobutadiene	8.25	225	105788	26.34	ng		99
35) Caprolactam	8.52	113	57632	25.25	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	218569	28.59	ng		87
37) 2-Methylnaphthalene	8.82	142	448072	26.68	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	173560	25.90	ng	#	100
40) Hexachlorocyclopentadiene	8.97	237	90749	24.44	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	121171	26.45	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	124884	26.16	ng	#	88
45) 1,1'-Biphenyl	9.28	154	512469	27.38	ng		98
46) 2-Chloronaphthalene	9.30	162	399807	26.83	ng		98
47) 2-Nitroaniline	9.39	65	118335	27.52	ng		92
48) Acenaphthylene	9.71	152	619249	25.93	ng		99
49) Dimethylphthalate	9.58	163	442565	26.37	ng		100
50) 2,6-Dinitrotoluene	9.63	165	83394	21.50	ng	#	68
51) Acenaphthene	9.88	154	364343	24.70	ng		100
52) 3-Nitroaniline	9.80	138	111891	26.22	ng	#	78
53) 2,4-Dinitrophenol	9.91	184	9326	7.74	ng	#	73
54) Dibenzofuran	10.06	168	541298	26.59	ng		91
55) 4-Nitrophenol	9.95	139	72382	22.41	ng	#	72
56) 2,4-Dinitrotoluene	10.03	165	105891	21.37	ng	#	65
57) Fluorene	10.40	166	395518	25.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	82441	22.41	ng		91
59) Diethylphthalate	10.28	149	458711	27.04	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	186594	27.55	ng		93
61) 4-Nitroaniline	10.41	138	90169	22.28	ng		94
62) Azobenzene	10.56	77	562914	32.77	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	19402	9.88	ng	#	51
65) n-Nitrosodiphenylamine	10.51	169	391355	29.21	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	105270	24.23	ng	#	65
67) Hexachlorobenzene	10.95	284	120284	26.66	ng	#	84
68) Atrazine	11.04	200	108296	26.91	ng		98
69) Pentachlorophenol	11.13	266	44825	19.44	ng		98
70) Phenanthrene	11.36	178	619841	28.79	ng		99
71) Anthracene	11.40	178	571548	26.54	ng		99
72) Carbazole	11.57	167	493452	24.26	ng	#	96
73) Di-n-butylphthalate	11.91	149	659926	25.97	ng		98
74) Fluoranthene	12.54	202	500907	22.84	ng		97
76) Benzidine	12.66	184	141148	22.18	ng		99
77) Pyrene	12.77	202	509521	29.94	ng		99
79) Butylbenzylphthalate	13.39	149	203804	27.23	ng		92
80) Benzo(a)anthracene	13.94	228	366489	27.51	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	117446	32.35	ng	#	98
82) Chrysene	13.99	228	359940	28.94	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	267349	28.31	ng		99
84) Di-n-octyl phthalate	14.57	149	481186	31.52	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	474829	39.66	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	357494m	19.58	ng		
88) Benzo(k)fluoranthene	14.99	252	379634m	26.70	ng		
89) Benzo(a)pyrene	15.30	252	379856	25.33	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	390444	27.57	ng		97
91) Benzo(g,h,i)perylene	17.12	276	405315	27.81	ng		98

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

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